Union Pacific Resources
A Subsidiary of Union Pacific Corporation

September 13, 1994

Utah Department of Natural Resources
Division of Oil, Gas, and Mining
3 Triad Center - Suite 350
355 N. Temple Street
Salt Lake City, UT 84190

ATTN: Mike Hebertson

RE: Application for Permit to Drill
UPRR 27-1H
Section 27, T. 2 N., R. 6 E.
Summit County, Utah

Dear Mr. Hebertson:

Enclosed for your further handling is an Application for Permit to Drill (APD) for the above referenced well.

Also enclosed is a Sundry Notice for the well requesting "Confidential Status" for all information submitted in connection with the well.

Please call me at (817) 877-7952 if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton

W. F. Brazelton
Senior Regulatory Analyst

WFB/bb

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name: N/A

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: Oil Well [ ] Gas Well [X] Other — Single Zone [ ] Multiple Zone [ ]

7. Unit Agreement Name: N/A

8. Farm or Lease Name: UPRR

2. Name of Operator: UNION PACIFIC RESOURCES COMPANY

9. Well No.: 27-1H

3. Address of Operator: P.O. BOX 7 MS/3006, FORT WORTH, TX 76101-0007

10. Field and Pool, or Wildcat: LODGEPOLE

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: 904' FSL, 578' FEL, Sec. 27, T.2N., R.6 E.
At proposed prod. zone: 660' FNL, 660' FEL, Sec. 27, T.2 N., R.6 E.

11. QQ, Sec., T., R., M., or Blk. and Survey or Area: SE/45E/4 Sec. 27, T.2N., R.6 E.

14. Distance in miles and direction from nearest town or post office*: N/A

12. County or Parrish: SUMMIT

13. State: UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any): 578'

16. No. of acres in lease: 640

17. No. of acres assigned to this well:

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.: 5400' NW to 27-1 (P&A)

19. Proposed depth: 15,342' MD/12,350 TVD

20. Rotary or cable tools: ROTARY

21. Elevations (Show whether DF, RT, GR, etc.): 7797.9' GR

22. Approx. date work will start*: UPON APPROVAL

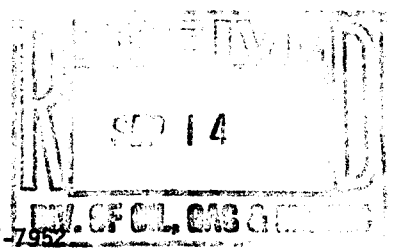
23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
----	16"	----	50'	5 cy Redi-mix
14 3/4"	10 3/4"	45.5	2,000'	2158 cf 35:65:6 Poz + 290 cf "G"
9 7/8"	7 5/8"	29.7	8,500'	1741 cf Class "G"
9 7/8"	7 3/4"	46.1	8,500' - 11,250'	1313 cf 35:65:6 Poz + 275 cf "G"

UNION PACIFIC RESOURCES COMPANY PROPOSES TO DRILL, TEST AND ATTEMPT A 15,342' HORIZONTAL COMPLETION IN THE WATTON CANYON FORMATION. THE FOLLOWING INFORMATION IS INCLUDED FOR REVIEW AND APPROVAL.

1) DRILLING PROGRAM
2) GEOLOGIC TOPS
3) BOP SCHEMATICS
4) DIRECTIONAL PROGRAM
5) LOCATION PLAT
6) LOCATION SCHEMATICS

IF ADDITIONAL INFORMATION IS REQUIRED, PLEASE CONTACT THE UNDERSIGNED AT (817) 877-7952



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: W.T. Bazzell Title: SR. REGULATORY ANALYST Date: 9-13-94

(This space for Federal or State office use)

API NO. 43-043-30306 Approval Date:

Approved by: Title: Date:

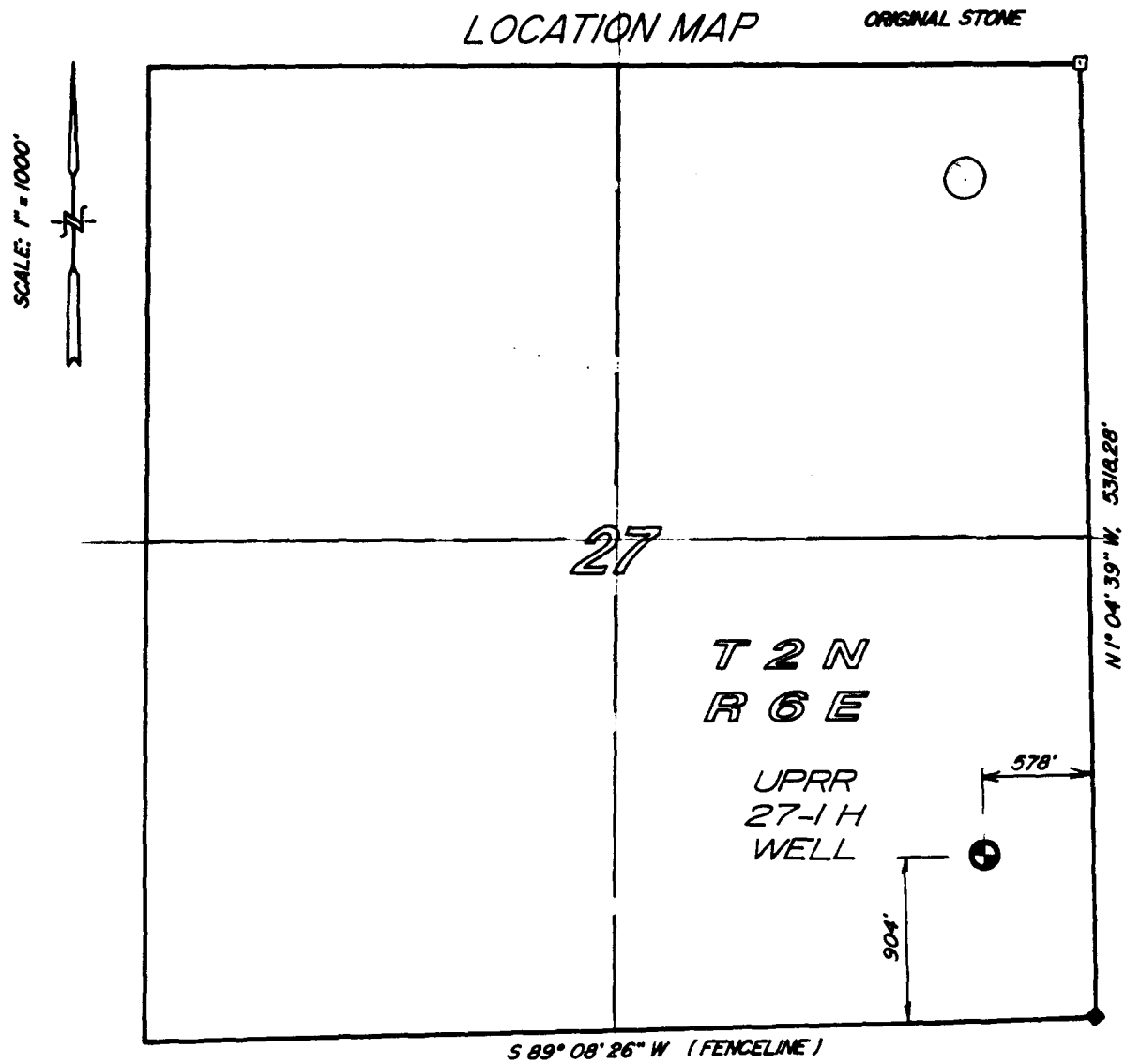
Conditions of approval, if any:

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/28/94
BY:
WELL SPACING: 167-3

*See Instructions On Reverse Side

(3/89)

LOCATION MAP



SURVEYED UNDER MY SUPERVISION
DURING AUGUST, 1994.

JOHN A. PROFFIT Registered 2860 Land Surveyor STATE OF UTAH

John A Proffit 8/20/94

STEEL PIPE w/ 3" ALUM. CAP
INSCRIBED "JOHN PROFFIT RLS 2860"
APPROPRIATELY MARKED

MAP to ACCOMPANY APPLICATION for PERMIT to DRILL UNION PACIFIC RESOURCES COMPANY

UPRR 27-1 H WELL

578' F.E.L. 904' F.S.L.
SE¼ SECTION 27
T 2 N, R 6 E, S.L.B.M.
SUMMIT COUNTY, UTAH

UINTA ENGINEERING and SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING 82930
(307) 789-3602

8-18-94 94-26-14

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: N/A

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name: N/A

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name: N/A

1. Type of Well: OIL ☐ GAS ☒ OTHER:

8. Well Name and Number: UPRR 27-1H

2. Name of Operator: UNION PACIFIC RESOURCES COMPANY

9. API Well Number: NEW

3. Address and Telephone Number: P.O. BOX & MS/3006, FORT WORTH, TX 76101-0007

10. Field and Pool, or Wildcat: LODGEPOLE

4. Location of Well
Footages: 904' FSL, 578' FEL, Sec. 27, T.2 N., R. 6 E. County: SUMMIT
QQ, Sec., T., R., M.: SE/4 SE/4 Sec. 27, T. 2 N., R. 6 E. State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
☐ Abandonment	☐ New Construction	☐ Abandonment *	☐ New Construction
☐ Casing Repair	☐ Pull or Alter Casing	☐ Casing Repair	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recompletion	☐ Change of Plans	☐ Shoot or Acidize
☐ Conversion to Injection	☐ Shoot or Acidize	☐ Conversion to Injection	☐ Vent or Flare
☐ Fracture Treat	☐ Vent or Flare	☐ Fracture Treat	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other Confidential Status	
☐ Other			
Approximate date work will start		Date of work completion	

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THE ABOVE REFERENCED WELL "CONFIDENTIAL".

PLEASE CONTACT THE UNDERSIGNED AT (817) 877-7952 IF ADDITIONAL INFORMATION IS NEEDED.

RECEIVED
SEP 14
DIV. OF OIL, GAS & MINING

13.
Name & Signature: W.F. Brazelton
W.F. BRAZELTON
Title: SR. REGULATORY ANALYST
Date: 9-13-94

(This space for State use only)

(12/92) (See Instructions on Reverse Side)

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

INTER-OFFICE CORRESPONDENCE

TO: OVERTHRUST DRILLING FOREMEN OFFICE:

FROM: W. CHARLES DATE: 08-29-94

SUBJECT: **DRILLING PROGRAM: UPRR 27-2H**

SURFACE LOCATION: 904' FSL & 578' FEL SECTION 27-T2N-R6E

BOTTOMHOLE LOCATION: 660' FNL & 660' FEL SECTION 27-T2N-R6E

COUNTY:	SUMMIT , UTAH	**API NO.:**	43-043-XXXXX
AFE:	17076	**PROPOSED DEPTH:**	15342' MD
DHC:	$ 2,200 M	**GROUND ELEVATION:**	7798'
CHC:	$ 2,483 M	**KB ELEVATION:**	7818

ESTIMATED TOPS OF GEOLOGICAL MARKERS:

FORMATION	VERTICAL DEPTH @ SL	VERTICAL DEPTH @ BHL
Frontier	4071'	.....
Kelvin.....	5299'	.....
Stump.....	9074'	.....
Preuss.....	9293'	.....
Salt.....	10636'	.....
Base of Salt.....	10666'	.....
Giraffe Creek.....	10776'	.....
Leeds Creek.....	11188'	.....
Watton Canyon.....	11508'	12208'
Watton Canyon Target..	**11668'**	**12368'**
Boundry Ridge.....	11718'	12418'

CASING PROGRAM:

Hole Size	Setting Depth (Measured Depth)	Size	Weight	Grade	Thread	Condition
---	50'	16"	---	B	----	Used
14-3/4"	0 - 2000'	10-3/4"	45.5#	K-55	STC	New
9-7/8"	0 - 8500'	7-5/8"	29.7#	S-95	LTC	New
9-7/8"	8500 -11250'	7-3/4"	46.1#	S-125	LTC	New

DIRECTIONAL PROGRAM:

KICK OFF POINT	- 11327' TVD
BUILD RATE	- 14°/100'
VERTICAL SECTION AT TD	- 3722'
HOLE ANGLE AT TD	- 79.3°
HOLE DIRECTION	-358.7°

CEMENTING PROGRAM:

Conductor .....5 yds of Redimix to cement conductor to surface

Surface .....2158 cf 35:65:6 Pozmix w/ 2% CaCl + 0.25 pps celloflake.
Tail w/ 290 cf Class G w/ 2% CaCl + o.25 pps celloflake.
(PROVIDES 2000' COVERAGE)

Production .STAGE1: 1741 cf Class G + 0.75 gps Saltbond II + 24% Salt +
0.03 gps Defoamer
(PROVIDES 5000' COVERAGE)
STAGE2: 1313 cf 35:65:6 Posmix w/ 2% CaCl
Tail w/ 275 cf Class G
(PROVIDES 5000' COVERAGE)

MUD PROGRAM:

Interval (TVD)	Mud Weight	Viscosity	Fluid Loss	Remarks
0- 2000'	8.4-9.2 ppg	27-45 sec	No Control	Fresh water native mud w/ gel & lime addition
2000-10500'	8.7-9.1 ppg	36-38 sec	10 - 20 cc	Fresh water native mud w/gel & lime addition
10500-11250'	9.0-10. ppg	38-40	10-20 cc	Salt saturated - gel mud
11250- TD	8.4-9.9 ppg	----	No Contrl	Fresh water or brine as needed.

TESTING, LOGGING, CORING PROGRAMS:

Samples: 30' Intervals.

Cores-DSTs: None.

Mud Logger: 9000' to TD.

Logging: CYBIL-GR from 11250' to TD.

Directional Surveys: Every 180' in vertical portion of hole; every 30' in build section; every 60' in tangent section.

BOP PROGRAM: BOP's To Be Installed After Setting Various Casing Strings

Casing String	BOP Size / BOP Pressure Rating	Max Anticipated Surface Pressure (See Note 1)	Test Pressure
10-3/4"	13-5/8" or 11"	3800 psi	----
	5000 psi annular	----------	3500 psi
	5000 psi rams	----------	5000 psi
	5000 psi manifold & valves	----------	5000 psi
7-5/8"	13-5/8" or 11"	4000 psi	----
	5000 psi annular	----------	3500 psi
	10000 psi rams	----------	5000 psi
	10000 psi manifold & valves	----------	5000 psi

Note 1. Surface Pressure = (BHP @ Depth of Next Casing String) - (0.35 psi x Depth of Next Casing String)

Union Pacific Resources
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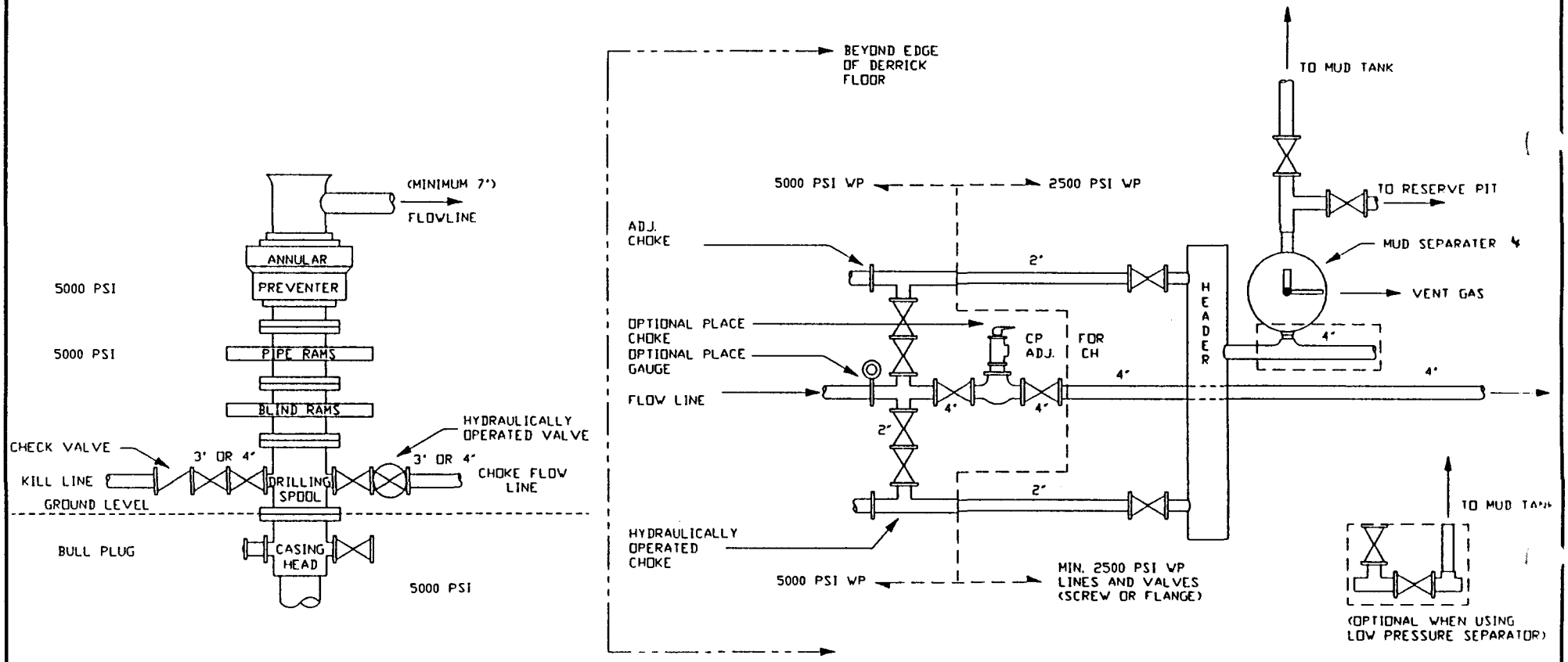
DRAWING NUMBER 7
5000 # WORKING PRESSURE



DRAWN BY JOE D. DOUGHARTY 10-10-91 5000DN7E DWG REVIESED 5-25-93

WELL PLANNING REPORT

UNION PACIFIC RESOURCES

UPRR 27-2H

8/25/94

PERRY-SUN DRILLING SERVICE
WELL PROFILE DATA

UPRR 27-2H
S/L 904 FSL & 578 FEL SECTION 27-T2N-R6E
BHL 660 FNL & 660 FEL SECTION 27-T2N-R6E
SUMMIT COUNTY, UTAH

UNION PACIFIC RESOURCES
UPRR 27-2H

8/25/94

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft)	DEPARTURE (Ft)	VERTICAL SECTION	DOG LEG	TOOL FACE
11327.54	0.000	0.000	11327.54	0.00	0.00	0.00		
11400.00	10.144	358.740	11399.62	6.40 N	0.14 W	6.40		
11500.00	24.144	358.740	11494.94	35.79 N	0.79 W	35.80		
11600.00	38.144	358.740	11580.32	87.37 N	1.92 W	87.39		
11700.00	52.144	358.740	11650.67	158.07 N	3.48 W	158.11		
11800.00	66.144	358.740	11701.63	243.68 N	5.36 W	243.74		
11894.21	79.334	358.740	11729.73	333.43 N	7.33 W	333.51	14.000	358.740
11900.00	79.334	358.740	11730.80	339.12 N	7.46 W	339.20		
12000.00	79.334	358.740	11749.30	437.36 N	9.62 W	437.47		
12100.00	79.334	358.740	11767.81	535.61 N	11.78 W	535.74		
12200.00	79.334	358.740	11786.32	633.86 N	13.94 W	634.02		
12300.00	79.334	358.740	11804.83	732.11 N	16.10 W	732.29		
12400.00	79.334	358.740	11823.34	830.36 N	18.26 W	830.56		
12500.00	79.334	358.740	11841.85	928.61 N	20.42 W	928.83		
12600.00	79.334	358.740	11860.36	1026.86 N	22.59 W	1027.10		
12700.00	79.334	358.740	11878.86	1125.11 N	24.75 W	1125.38		
12800.00	79.334	358.740	11897.37	1223.35 N	26.91 W	1223.65		
12900.00	79.334	358.740	11915.88	1321.60 N	29.07 W	1321.92		
13000.00	79.334	358.740	11934.39	1419.85 N	31.23 W	1420.19		
13100.00	79.334	358.740	11952.90	1518.10 N	33.39 W	1518.47		
13200.00	79.334	358.740	11971.41	1616.35 N	35.55 W	1616.74		
13300.00	79.334	358.740	11989.91	1714.60 N	37.71 W	1715.01		
13400.00	79.334	358.740	12008.42	1812.85 N	39.87 W	1813.28		
13500.00	79.334	358.740	12026.93	1911.09 N	42.03 W	1911.56		
13600.00	79.334	358.740	12045.44	2009.34 N	44.19 W	2009.83		
13700.00	79.334	358.740	12063.95	2107.59 N	46.36 W	2108.10		
13800.00	79.334	358.740	12082.46	2205.84 N	48.52 W	2206.37		
13900.00	79.334	358.740	12100.96	2304.09 N	50.68 W	2304.65		
14000.00	79.334	358.740	12119.47	2402.34 N	52.84 W	2402.92		
14100.00	79.334	358.740	12137.98	2500.59 N	55.00 W	2501.19		
14200.00	79.334	358.740	12156.49	2598.83 N	57.16 W	2599.46		
14300.00	79.334	358.740	12175.00	2697.08 N	59.32 W	2697.74		
14400.00	79.334	358.740	12193.51	2795.33 N	61.48 W	2796.01		
14500.00	79.334	358.740	12212.01	2893.58 N	63.64 W	2894.28		
14600.00	79.334	358.740	12230.52	2991.83 N	65.80 W	2992.55		
14700.00	79.334	358.740	12249.03	3090.08 N	67.97 W	3090.82		
14800.00	79.334	358.740	12267.54	3188.33 N	70.13 W	3189.10		
14900.00	79.334	358.740	12286.05	3286.57 N	72.29 W	3287.37		
15000.00	79.334	358.740	12304.56	3384.82 N	74.45 W	3385.64		
15100.00	79.334	358.740	12323.06	3483.07 N	76.61 W	3483.91		

PERRY-SUN DRILLING SERVICE
WELL PROFILE DATA

UPRR 27-2H
S/L 904 FSL & 578 FEL SECTION 27-T2N-R6E
BHL 660 FNL & 660 FEL SECTION 27-T2N-R6E
SUMMIT COUNTY, UTAH

UNION PACIFIC RESOURCES
UPRR 27-2H **8/25/94**

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (Ft.)	DEPARTURE (Ft.)	VERTICAL SECTION	DOG LEG	TOOL FACE
15200.00	79.334	358.740	12341.57	3581.32 N	78.77 W	3582.19		
15300.00	79.334	358.740	12360.08	3679.57 N	80.93 W	3680.46		
15342.79	79.334	358.740	12368.00	3721.61 N	81.86 W	3722.51	0.000	0.000

The Dogleg Severity is in Degrees per 100.00 Feet
Vertical Section was calculated along an Azimuth of 358.736° (True)

Based upon Minimum Curvature type calculations. At a Measured Depth of 15342.79 Feet, the Bottom Hole Displacement is 3722.51 Feet, in the Direction of 358.740° (True)

PERRY-SUN DRILLING SERVICE
WELL PROFILE DATA

UPRR 27-2H
S/L 904 FSL & 578 FEL SECTION 27-T2N-R6E
BHL 660 FNL & 660 FEL SECTION 27-T2N-R6E
SUMMIT COUNTY, UTAH

UNION PACIFIC RESOURCES
UPRR 27-2H

8/25/94

INTERPOLATIONS

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE (FL)	DEPARTURE (FL)	VERTICAL SECTION	
11729.64	56.294	358.740	11668.00	182.10 N	4.01 W	182.15	WATTON CANYON TARGET ENTR
15342.73	79.334	358.740	12367.99	3721.55 N	81.85 W	3722.45	WATTON CANYON TARGET T.D.

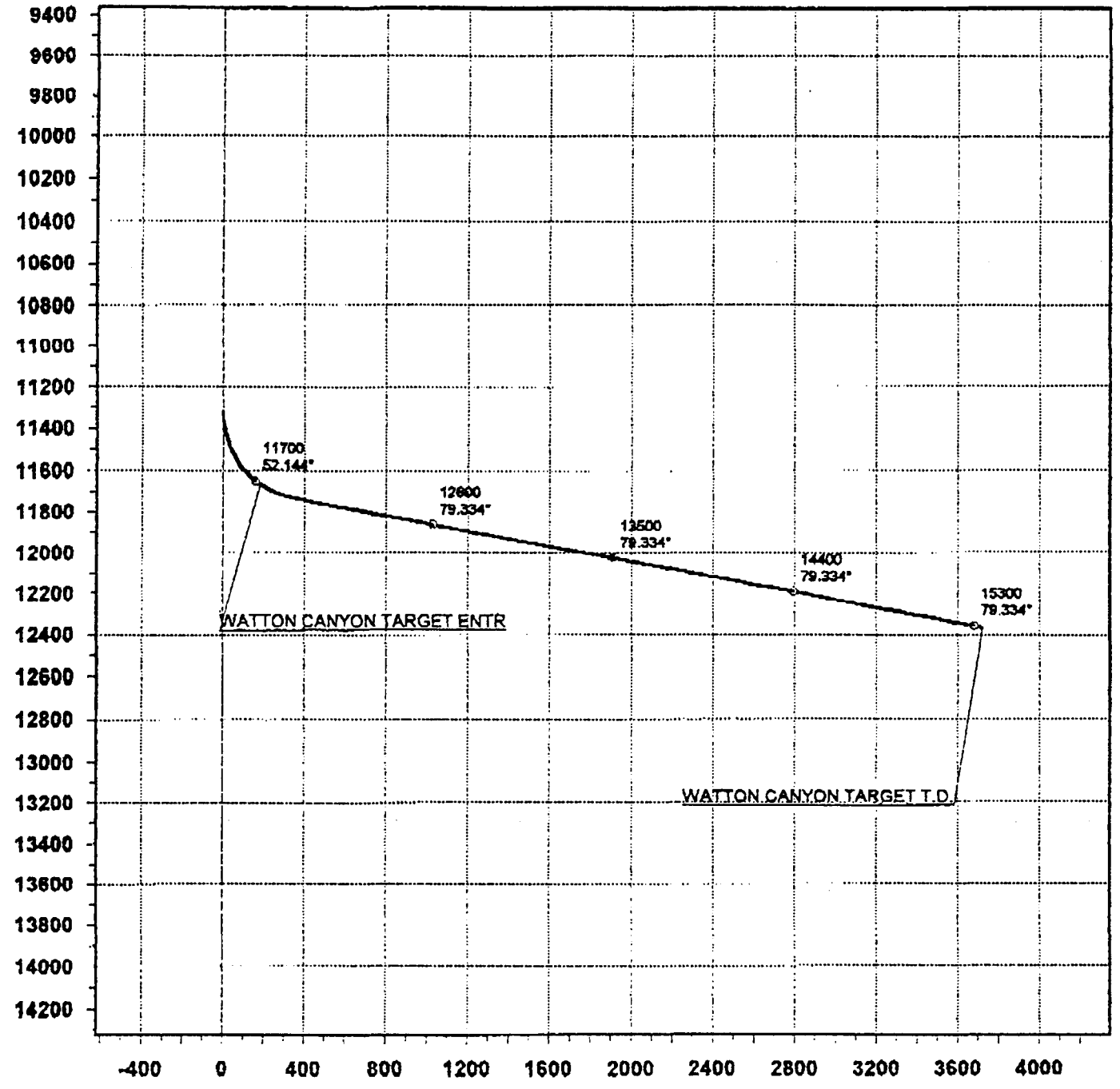
TARGET INFORMATION

TARGET NUMBER	VERTICAL DEPTH	LATITUDE (FL)	DEPARTURE (FL)	VERTICAL SECTION	TARGET RADIUS
1	11542.37	3716.00 N	82.00 W	3716.90	0.00

PERRY-SUN DRILLING SERVICE
VERTICAL SECTION

UPRR 27-2H
S/L 904 FSL & 578 FEL SECTION 27-T2N-R6E
BHL 660 FNL & 660 FEL SECTION 27-T2N-R6E
SUMMIT COUNTY, UTAH

UNION PACIFIC RESOURCES
UPRR 27-2H **8/25/94**



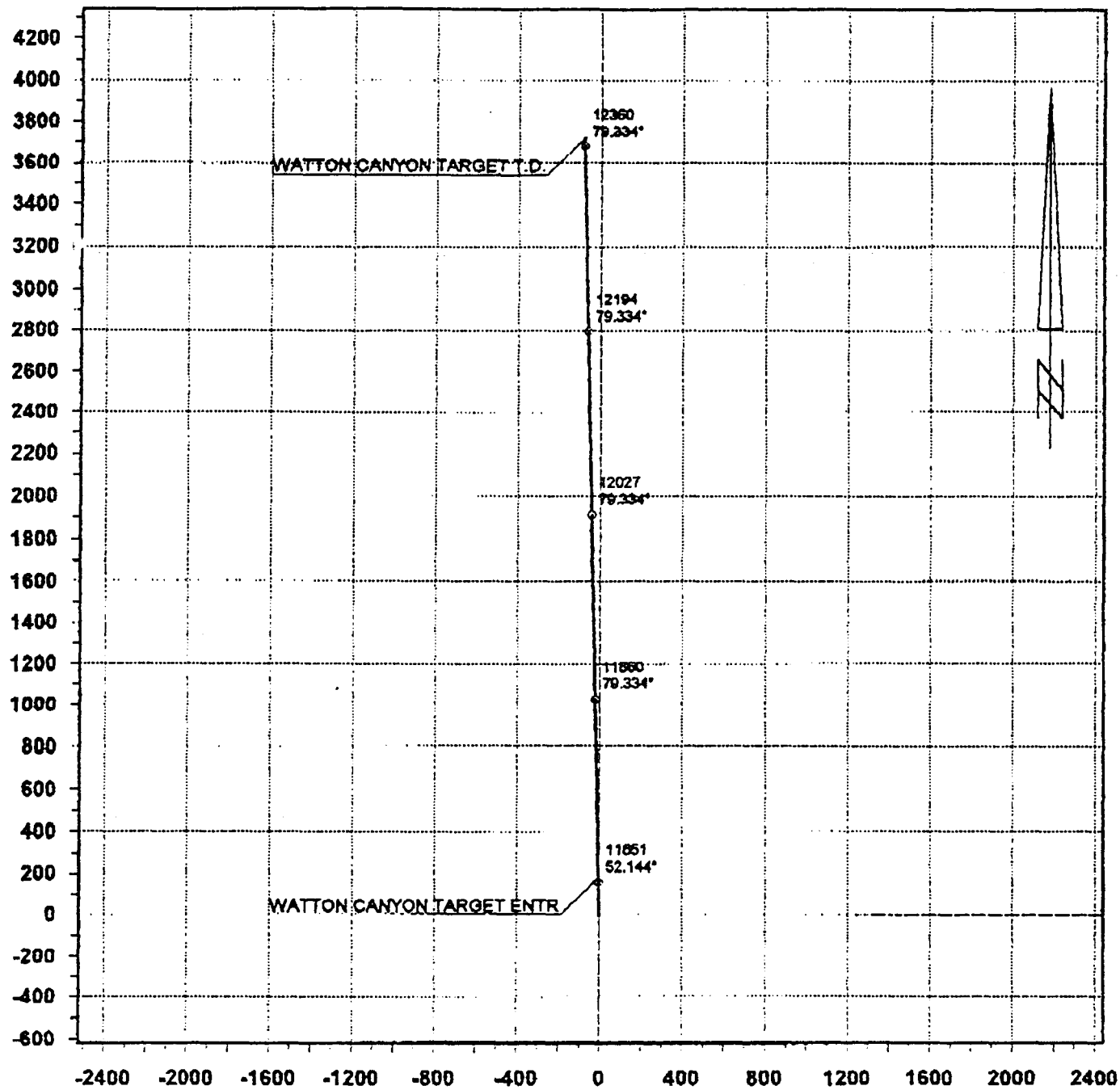
VERTICAL SECTION - Direction: 358.736° (True)
Depths shown on plot are Measured Depths.
All measurements are in Feet.

SPERRY-SUN DRILLING SERVICE
HORIZONTAL SECTION

UPRR 27-2H
S/L 904 FSL & 578 FEL SECTION 27-T2N-R6E
BHL 660 FNL & 660 FEL SECTION 27-T2N-R6E
SUMMIT COUNTY, UTAH

UNION PACIFIC RESOURCES
UPRR 27-2H **8/25/94**

LATITUDE VALUES



DEPARTURE VALUES
Depths shown on plot are Vertical Depths.
All measurements are in Feet.

BASIS OF ELEVATION:

ELEVATIONS BASED ON U.S.G.S. TRIANGULATION STATION BLONQUIST ELEV. 8007'

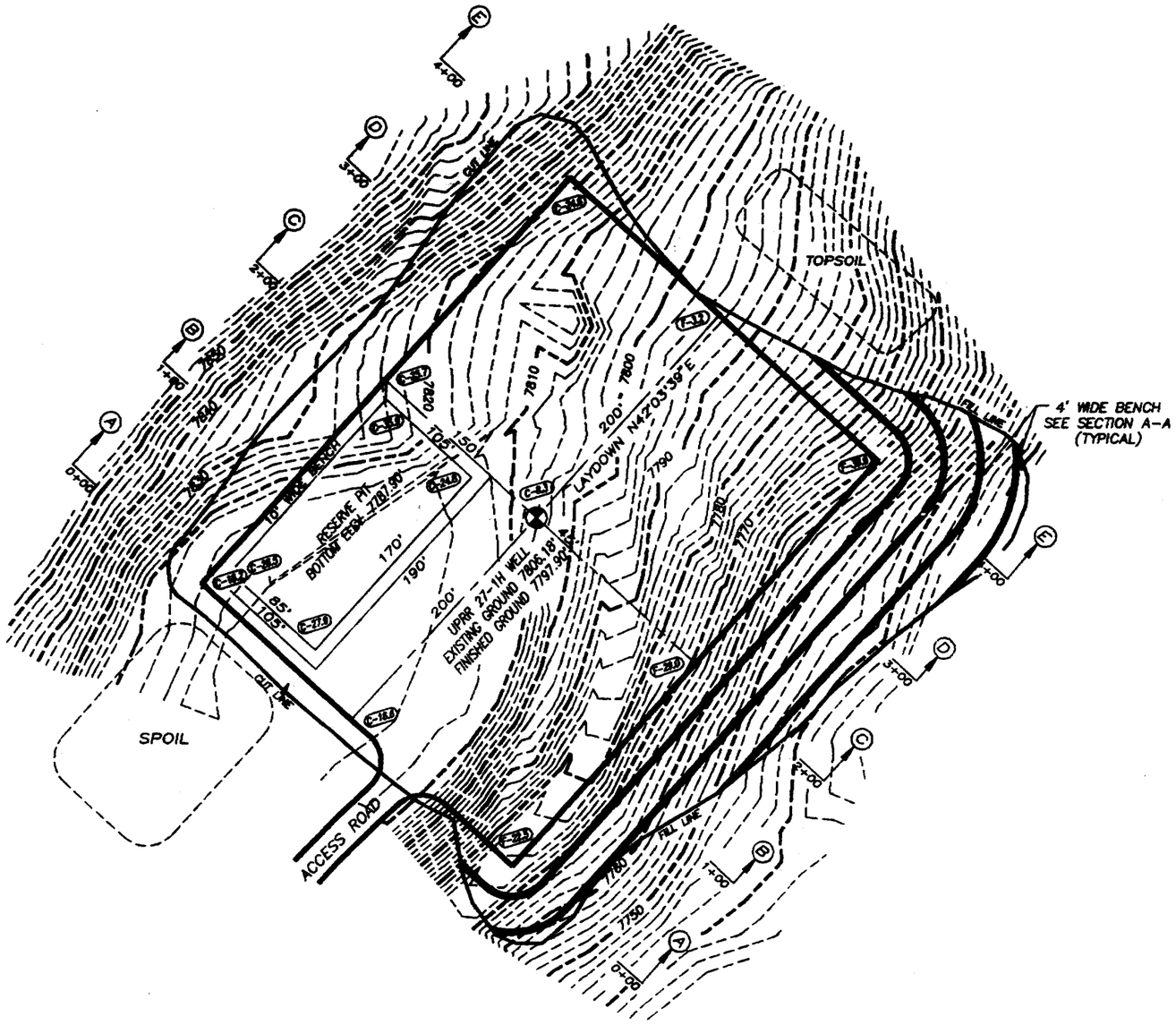
FINISHED PAD ELEVATION TO BE 7797.9'

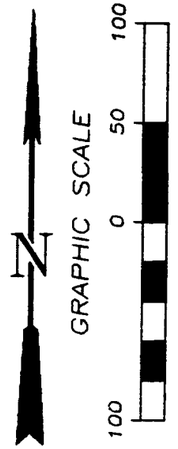
QUANTITIES

EXCAVATION INCLUDING PIT = 57,486 C.Y.
EMBANKMENT = 47,154 C.Y.

TOPSOIL = 3,560 C.Y.

ALL CUT SLOPES ARE 1 : 1
ALL FILL SLOPES ARE 1.5 : 1





NOTE:
CONSTRUCT AN EARTHEN BERM, 2 FT. MINIMUM HEIGHT AND 2 FT. MINIMUM TOP WIDTH, 8 FT. BELOW THE TOE OF ALL FILL SLOPES

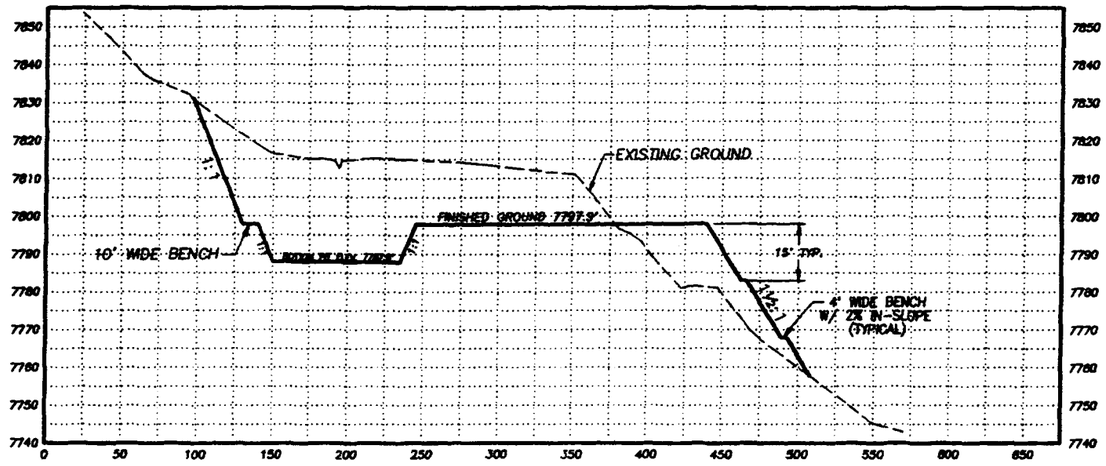
MAP TO ACCOMPANY
APPLICATION FOR PERMIT TO DRILL
U.P.R.R. 27-1H WELL
904' FSL 578 FEL
SE1/4 SECTION 27
T 2 N, R 6 E, SLBM
SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON, WYOMING 82930
(307) 789-3602

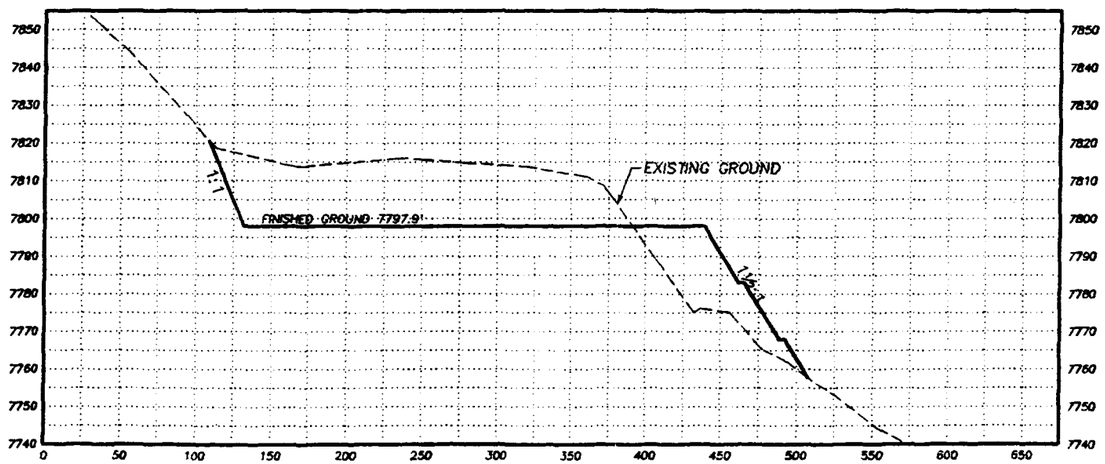
DATE: 08-17-94 JOB #: 94-26-14
DISK #: 117 FILE: 94-26-14

DRAWN BY: Brent Sanders

SECTION B – B



SECTION A – A



SCALE:
HORIZ: 1"= 100'
VERT: 1"= 40'

ALL CUT SLOPES ARE 1 : 1
ALL FILL SLOPES ARE 1.5 : 1

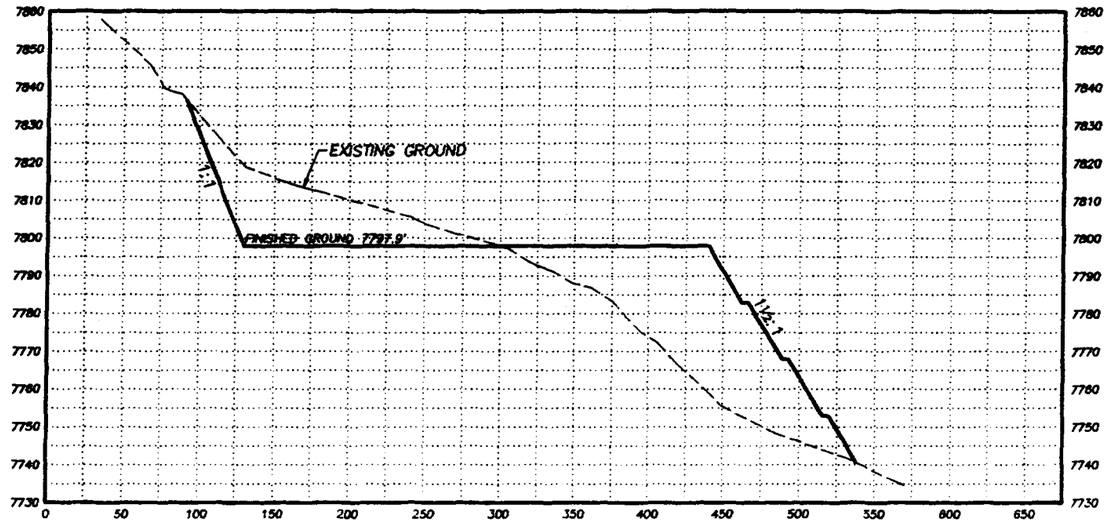
MAP TO ACCOMPANY
APPLICATION FOR PERMIT TO DRILL
U.P.R.R. 27–1H WELL
904' FSL 578 FEL
SE1/4 SECTION 27
T 2 N, R 6 E, SLBM
SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON, WYOMING 82930
(307) 789–3602

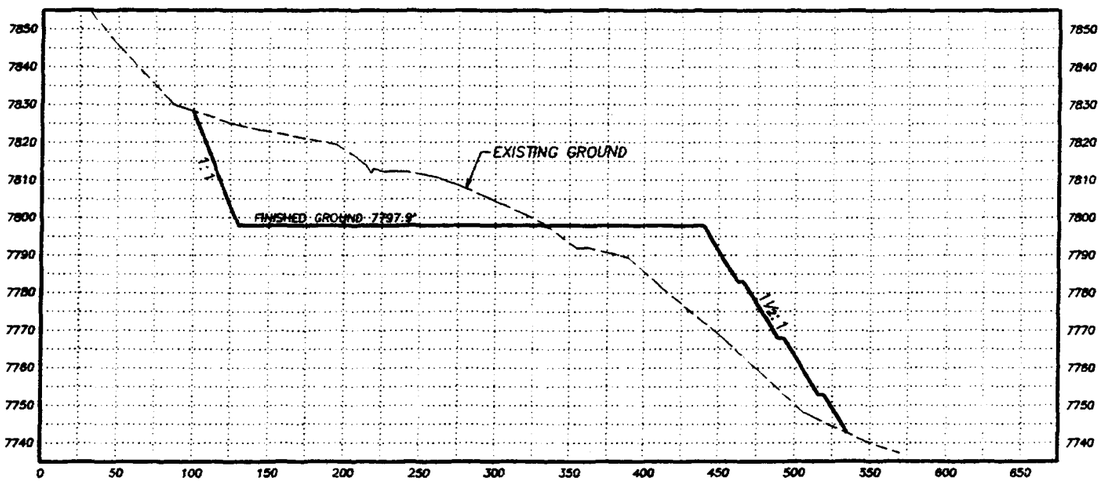
DATE: 08–17–94 JOB #: 94–26–14
DISK #: 117 FILE: 94–26–14

DRAWN BY: Brent Sanders

SECTION D – D



SECTION C – C



SCALE:
HORIZ: 1"= 100'
VERT: 1"= 40'

ALL CUT SLOPES ARE 1 : 1
ALL FILL SLOPES ARE 1.5 : 1

MAP TO ACCOMPANY
APPLICATION FOR PERMIT TO DRILL
U.P.R.R. 27–1H WELL
904' FSL 578 FEL
SE1/4 SECTION 27
T 2 N, R 6 E, SLBM
SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
EVANSTON, WYOMING 82930
(307) 789–3602

DATE: 08–17–94 JOB #: 94–26–14
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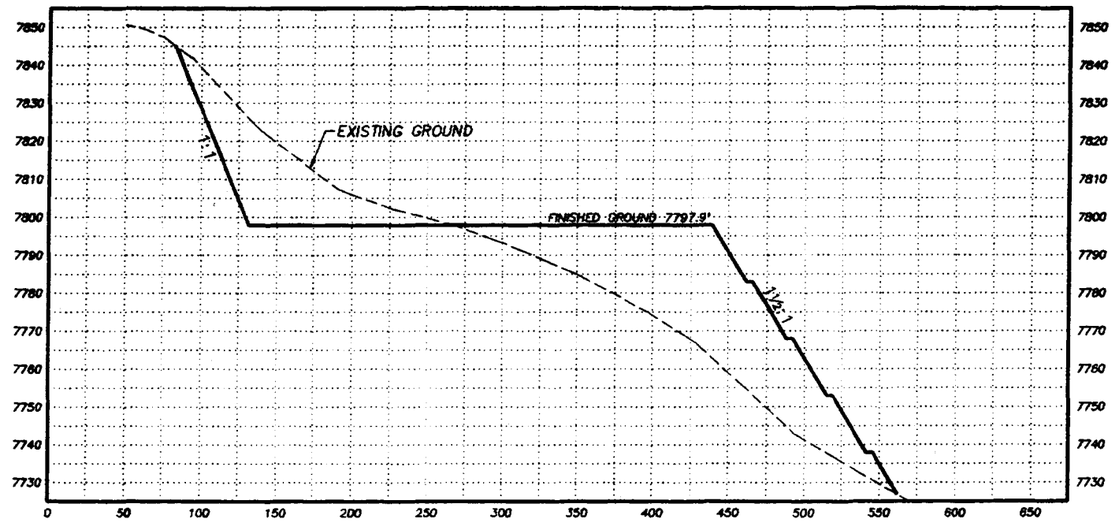
SECTION E – E



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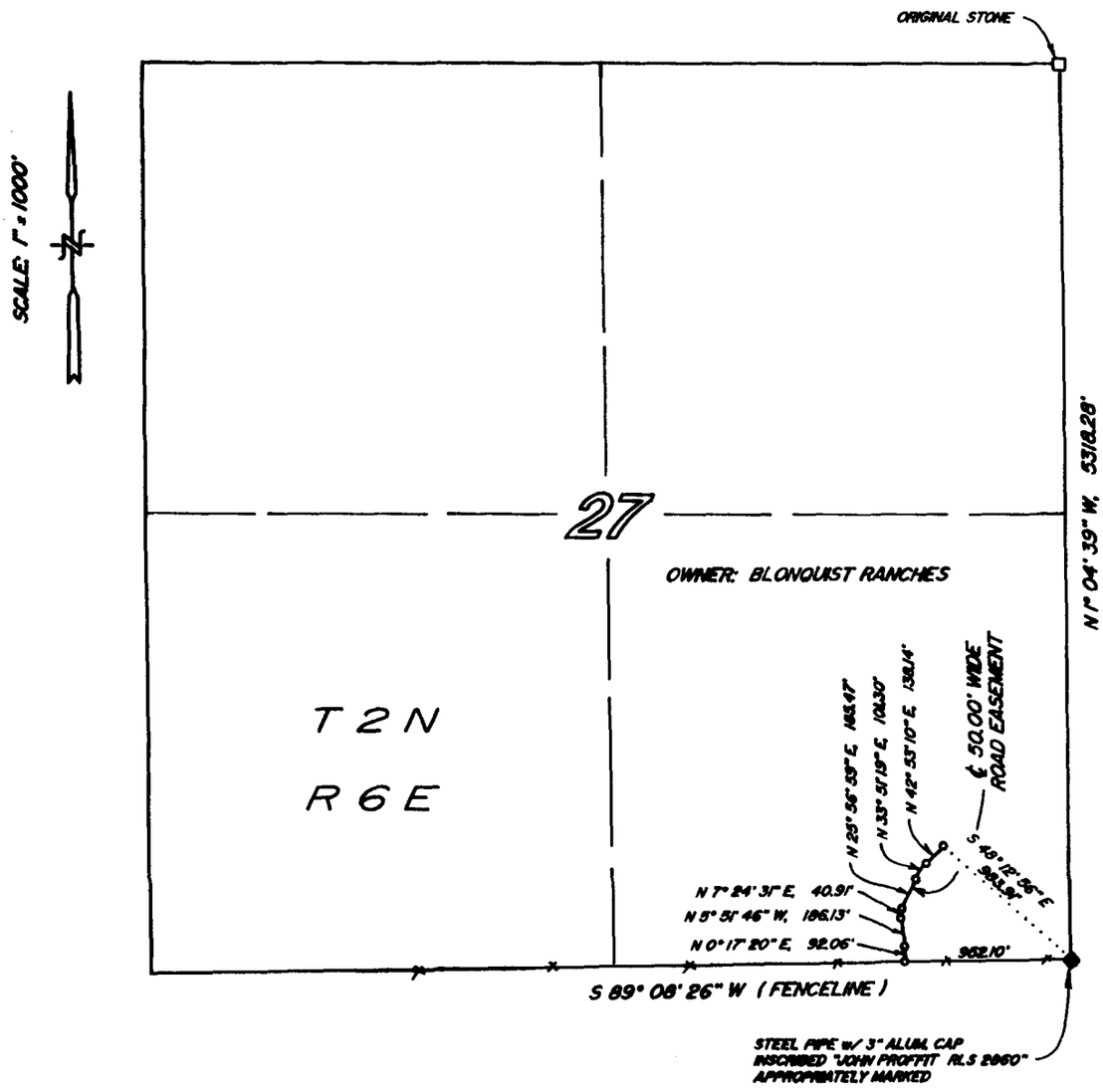


CERTIFICATE OF SURVEYOR

STATE OF WYOMING)
COUNTY OF UINTA) ss

I, JOHN A. PROFFIT, OF UINTA ENGINEERING AND SURVEYING, INC. HEREBY STATE THAT I AM BY OCCUPATION A PROFESSIONAL LAND SURVEYOR EMPLOYED BY UNION PACIFIC RESOURCES TO MAKE THE SURVEY OF THE ACCESS ROAD EASEMENT DESCRIBED AND SHOWN ON THIS PLAT; THAT THE SURVEY OF SAID WORKS WAS MADE UNDER MY SUPERVISION AND UNDER MY AUTHORITY AND THAT SUCH SURVEY IS ACCURATELY REPRESENTED HEREON.

JOHN A. PROFFIT Registered 2860 Land Surveyor STATE OF UTAH

John A. Proffit 8/24/94

UNION PACIFIC RESOURCES COMPANY
UPRR 27-1 H WELL
ROAD EASEMENT

AN EASEMENT FOR AN ACCESS ROAD ACROSS THE SE 1/4 SE 1/4 OF SECTION 27, TOWNSHIP 2 NORTH, RANGE 6 EAST, OF THE SALT LAKE BASE AND MERIDIAN, SUMMIT COUNTY, UTAH, BEING 50.00 FEET WIDE, 25.00 FEET EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 27, THENCE S 89° 08' 26" W, 952.10 FEET ALONG THE SOUTH LINE THEREOF TO THE *POINT OF BEGINNING*;

THENCE N 0° 17' 20" E, 92.06 FEET;
THENCE N 5° 51' 46" W, 186.13 FEET;
THENCE N 7° 24' 31" E, 40.91 FEET;
THENCE N 25° 56' 59" E, 185.47 FEET;
THENCE N 33° 51' 19" E, 101.30 FEET;
THENCE N 42° 53' 10" E, 138.14 FEET

TO THE **POINT OF ENDING** OF THE EASEMENT, FROM WHICH SAID SOUTHEAST CORNER LIES S 48° 12' 56" E, 983.91 FEET.

SAID EASEMENT BEING 744.01 FEET, MORE OR LESS, IN LENGTH.

MAP SHOWING
UPRR 27-1 H WELL
ROAD EASEMENT

SE 1/4 SE 1/4 SECTION 27
T 2 N, R 6 E, S.L.B.M.
SUMMIT COUNTY, UTAH

UINTA ENGINEERING and SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING 82930
(307) 789-3602

8-17-94 94-26-14

ANY CHANGE, ADDITION OR DELETION OF ANY PART OF THIS DESCRIPTION WILL ACT TO VOID ANY WARRANTY OR RESPONSIBILITY, EXPRESS OR IMPLIED, THAT I MAY HAVE TOWARD THE SUBJECT PROPERTY.

6)

WAMSUTTER DRILLING FOREMEN

W. CHARLES 08-24-94

DRILLING PROGRAM: UPRR 27-2H

SURFACE LOCATION: 904' FSL & 578' FEL SECTION 27-T2N-R6E

BOTTOMHOLE LOCATION: 660' FNL & 660' FEL SECTION 27-T2N-R6E

COUNTY:	SUMMIT , UTAH	**PROPOSED DEPTH:**	' MD
AFE:	17076	**PROPOSED DEPTH:**	' MD
DHC:	$ 2,200 M	**GROUND ELEVATION:**	7798'
CHC:	$ 2,483 M	**KB ELEVATION:**	7818
API NO:	43-043-xxxxx		

ESTIMATED TOPS OF GEOLOGICAL MARKERS:

FORMATION	VERTICAL DEPTH @ SL	VERTICAL DEPTH @ Lateral #1 BHL
Frontier	.....	.....
Aspen.....	.....	.....
Kelvin.....	.....	.....
Stump.....	.....	.....
Preuss.....	.....	.....
Salt.....	.....	.....
Base of Salt.....	.....	.....
Giraffe Creek.....	.....	.....
Leeds Creek.....	.....	.....
Watton Canyon.....	11508'	12208'
Watton Canyon Target..	11668'	12368'
Boundry Ridge.....	.....	.....

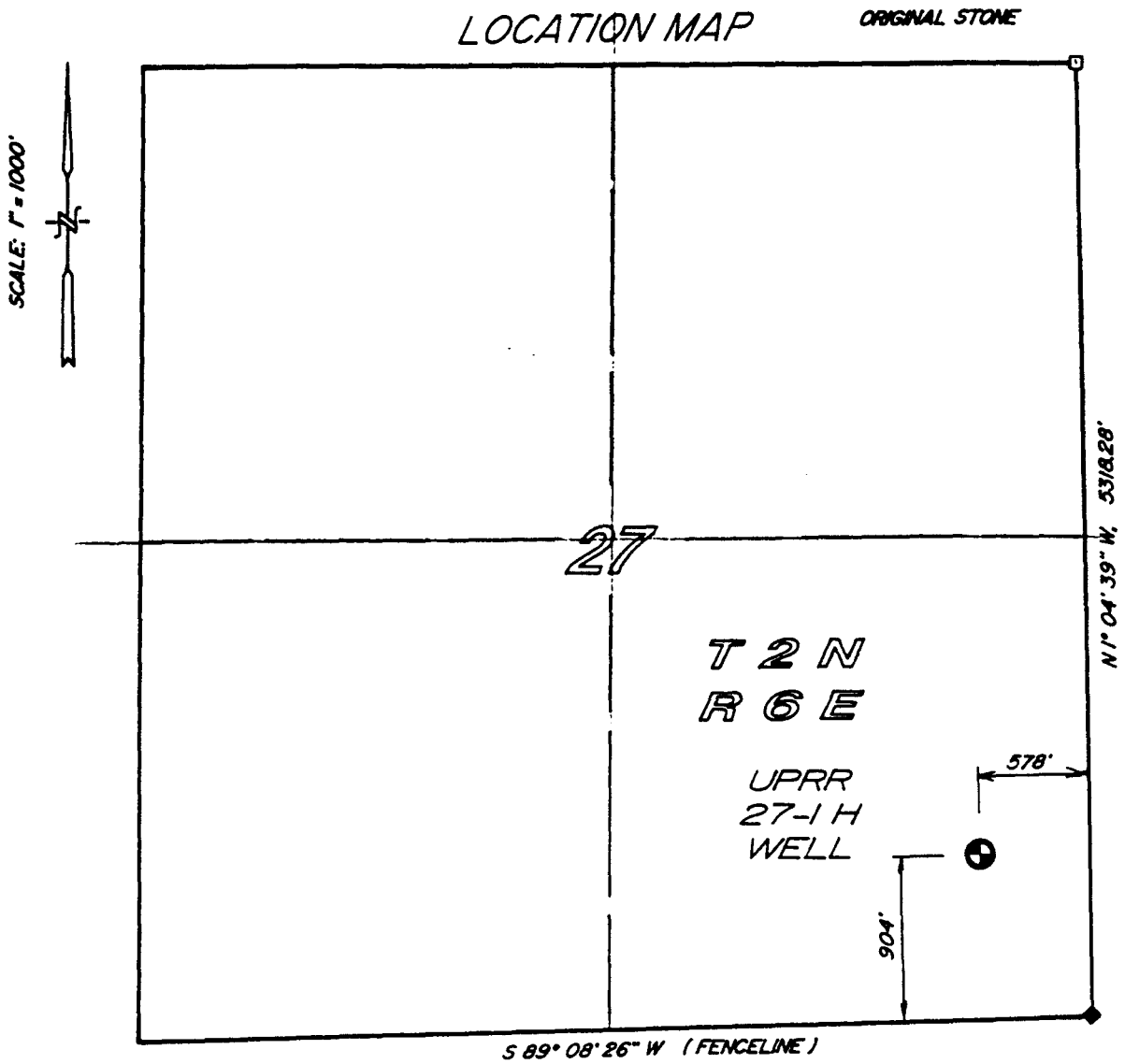
CASING PROGRAM:

Hole Size	Setting Depth (Measured Depth)	Size	Weight	Grade	Thread	Condition
---	50'	16"	---	B	----	Used
14-3/4"	0 - 2000'	10-3/4"	45.5#	K-55	STC	New
9-7/8"	0 -	7-5/8"	29.7#	S-95	LTC	New
9-7/8"	-	7-3/4"	46.1#	S-125	LTC	New

DIRECTIONAL PROGRAM:

KICK OFF POINT	-	' TVD
BUILD RATE	-	14°/100'
VERTICAL SECTION AT TD	-	'
HOLE ANGLE AT TD	-	°
HOLE DIRECTION	-	°

LOCATION MAP



SURVEYED UNDER MY SUPERVISION
DURING AUGUST, 1994.

JOHN A. PROFFIT Registered 2860 Land Surveyor STATE OF UTAH

John A. Proffit 8/20/94

STEEL PIPE w/ 3" ALUM. CAP [illegible]
INSCRIBED "JOHN PROFFIT RLS 2860"
APPROPRIATELY MARKED

MAP to ACCOMPANY
APPLICATION for PERMIT to DRILL
UNION PACIFIC RESOURCES COMPANY

UPRR 27-1 H WELL

578' F.E.L. 904' F.S.L.
SE¼ SECTION 27
T 2 N, R 6 E, S.L.B.M.
SUMMIT COUNTY, UTAH

UINTA ENGINEERING and SURVEYING, INC.
808 MAIN STREET, EVANSTON, WYOMING 82930
(307) 789-3602

8-18-94 94-26-14

BASIS OF ELEVATION:

ELEVATIONS BASED ON U.S.G.S. TRIANGULATION STATION BLONQUIST ELEV. 8007'

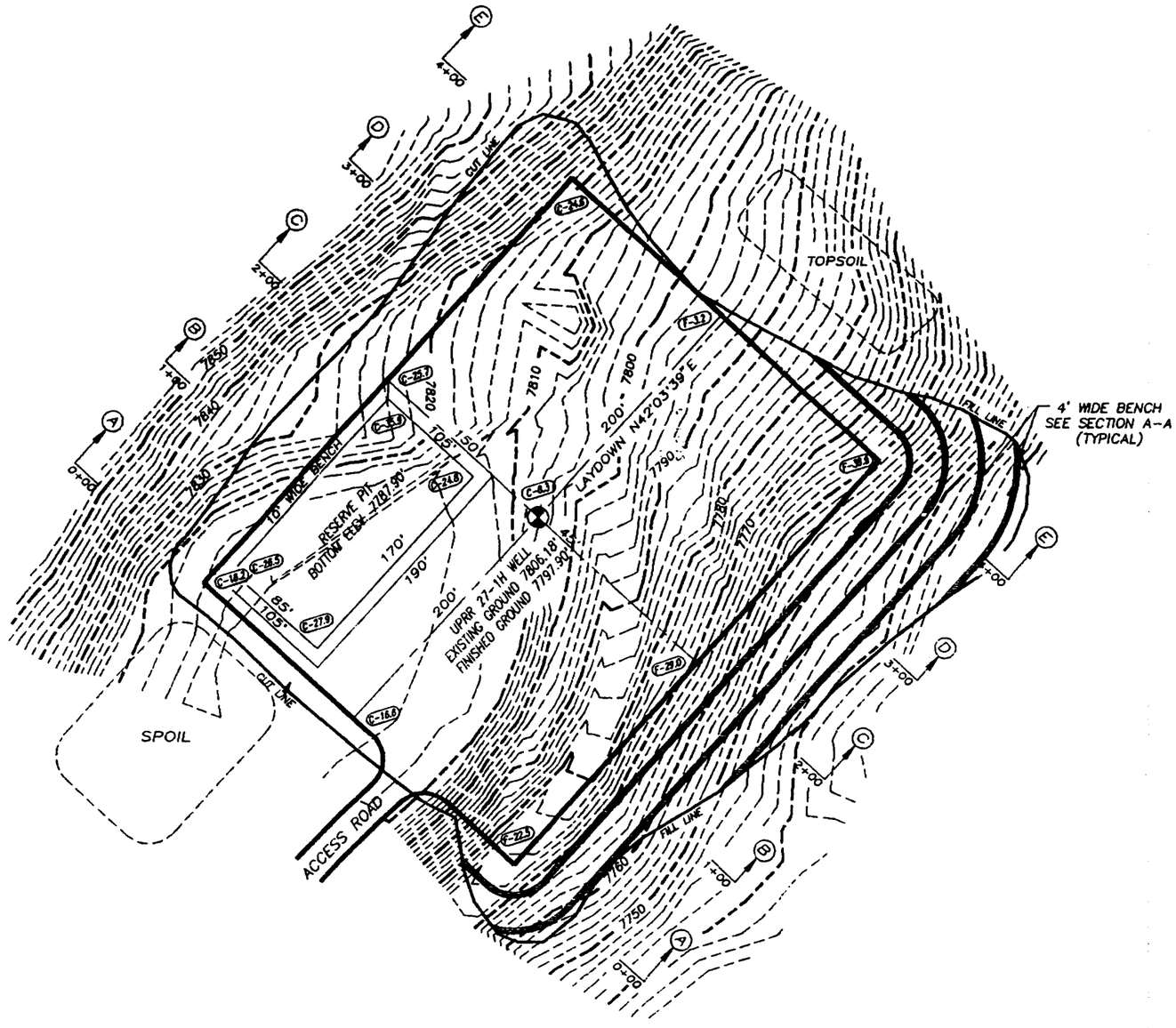
FINISHED PAD ELEVATION TO BE 7797.9'

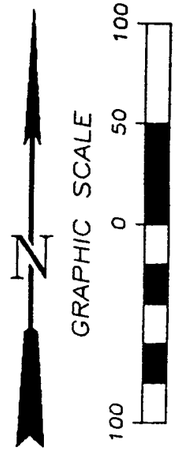
QUANTITIES

EXCAVATION INCLUDING PIT = 57,486 C.Y.
EMBANKMENT = 47,154 C.Y.

TOPSOIL = 3,560 C.Y.

ALL CUT SLOPES ARE 1 : 1
ALL FILL SLOPES ARE 1.5 : 1





NOTE:
CONSTRUCT AN EARTHEN BERM, 2 FT. MINIMUM HEIGHT AND 2 FT. MINIMUM TOP WIDTH, 8 FT. BELOW THE TOE OF ALL FILL SLOPES

MAP TO ACCOMPANY
APPLICATION FOR PERMIT TO DRILL
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904' FSL 578 FEL
SE1/4 SECTION 27
T 2 N, R 6 E, SLBM
SUMMIT COUNTY, UTAH

UINTA ENGINEERING & SURVEYING, INC.
808 MAIN STREET
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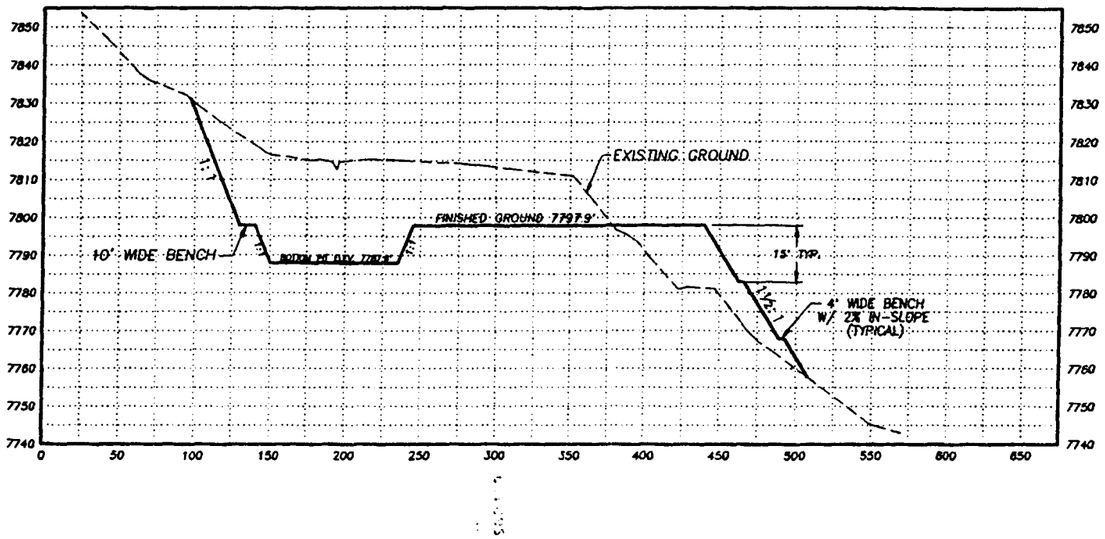
(307) 789-3602

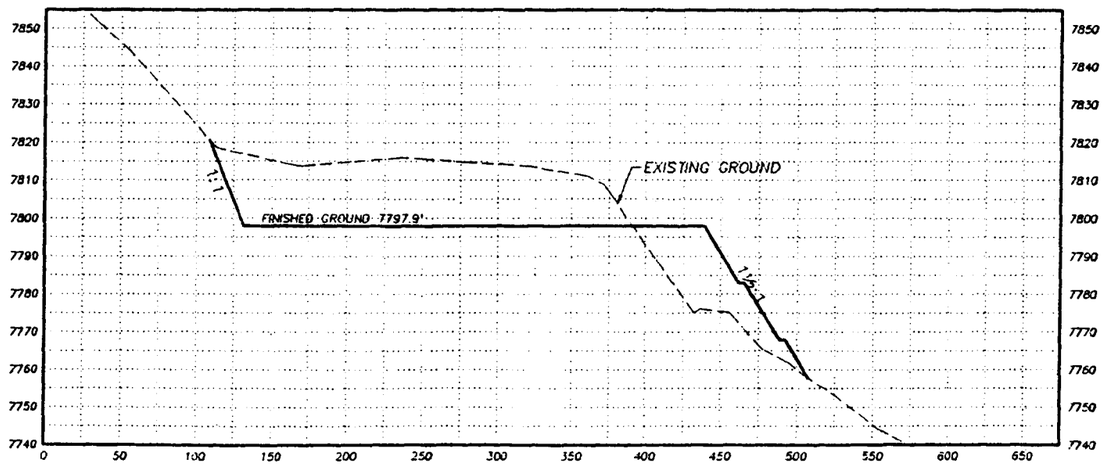
DATE: 08-17-94 JOB #: 94-26-14
DISK #: 117 FILE: 94-26-14

DRAWN BY: Brent Sanders

SECTION B – B



SECTION A – A



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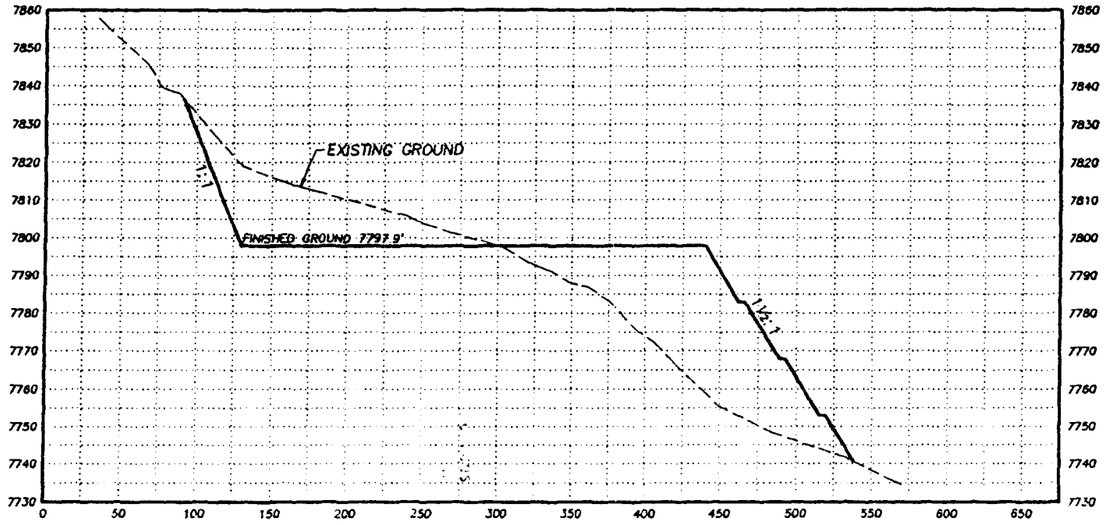
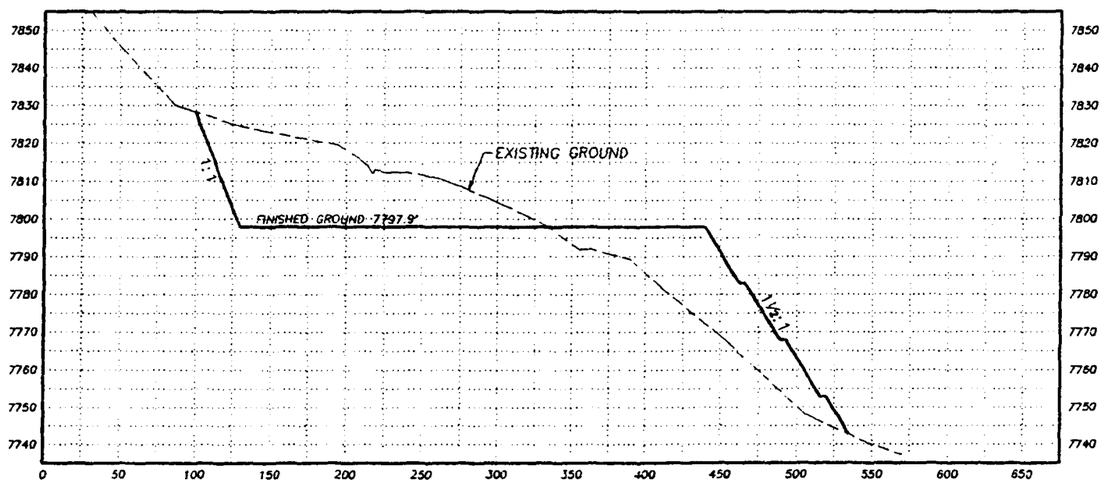
SECTION D – D



SECTION C – C



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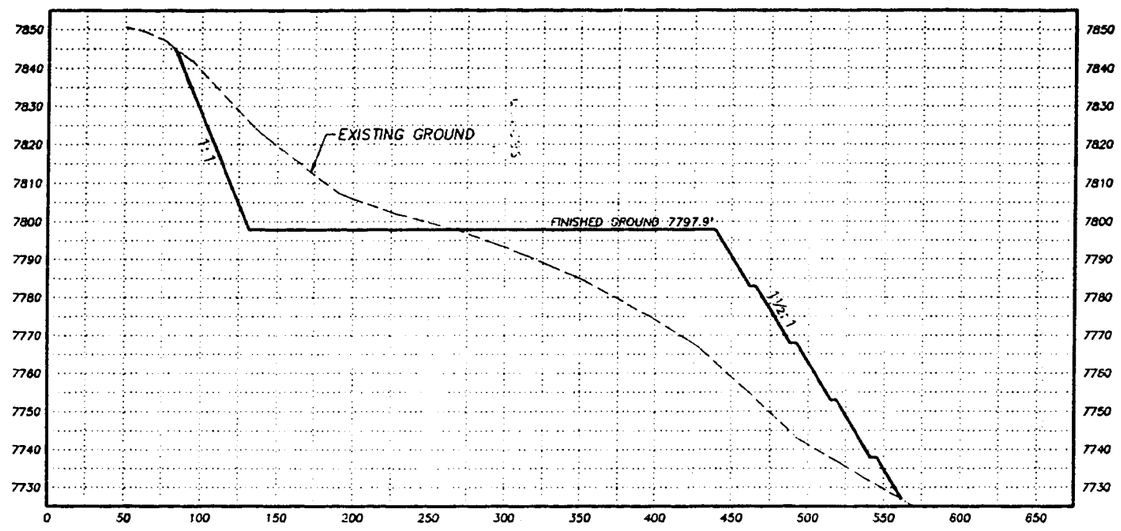
SECTION E – E



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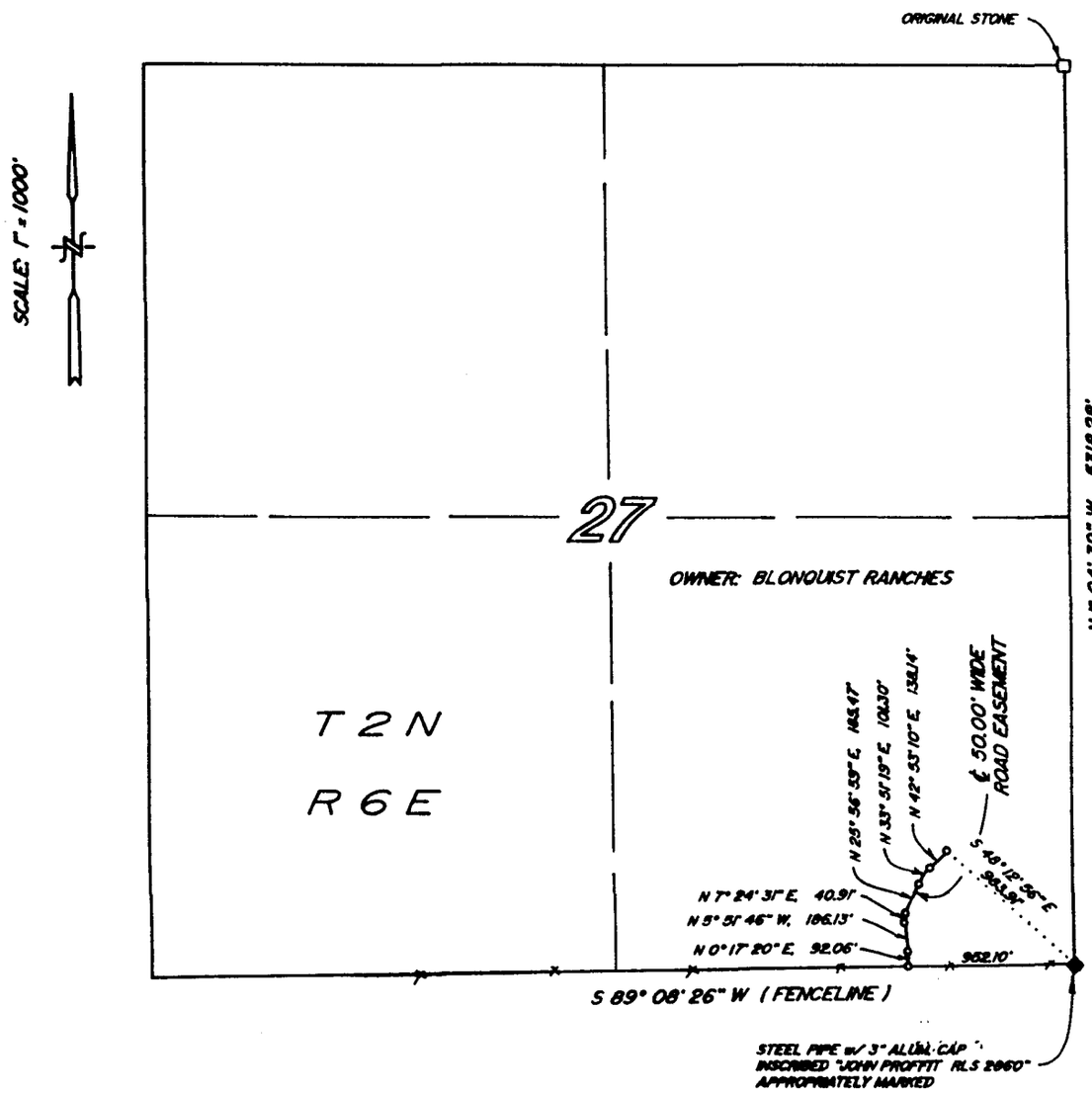

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John 2860 Proffit 8/24/94

UNION PACIFIC RESOURCES COMPANY
UPRR 27-1 H WELL
ROAD EASEMENT

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ROAD EASEMENT

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SUMMIT COUNTY, UTAH

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8-17-94 94-26-14

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WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/14/94

API NO. ASSIGNED: 43-043-30306

WELL NAME: UPRR 27-1H
OPERATOR: UPRC (N9465)

PROPOSED LOCATION:
SESE 27 - T02N - R06E
SURFACE: 0904-FSL-0578-FEL
BOTTOM: 0660-FNL-0660-FEL
LODGEPOLE COUNTY
LODGEPOLE FIELD (525)

LEASE TYPE: FEE
LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION: TWNCR

INSPECT LOCATION BY: 09/08/94		
TECH REVIEW	Initials	Date
Engineering	JDM	9/20/94
Geology	DJ.	9/20/94
Surface	MA	9/8/94

RECEIVED AND/OR REVIEWED:

Y Plat
___ Bond: Federal[] State[] Fee[✓]
(Number 244922)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number _____)
N RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

___ R649-3-2. General.

___ R649-3-3. Exception.

✓ Drilling Unit.
Board Cause no: 167-3
Date: 2/27/80

COMMENTS: _____

#27-1 well.

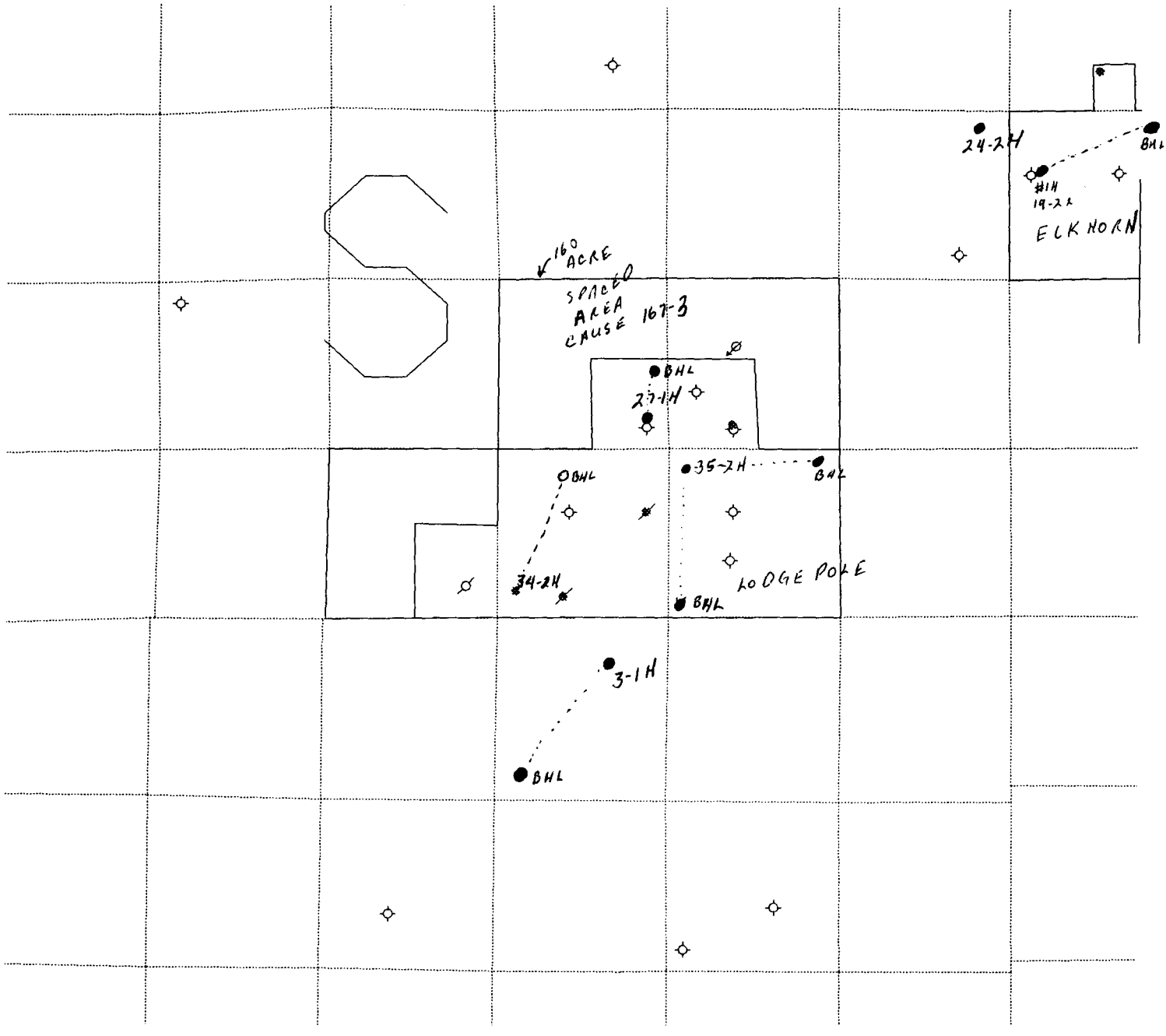
STIPULATIONS: ~~SEE STIPULATIONS ON THE ATTACHED WELL EVALUATION PAGE SHT~~

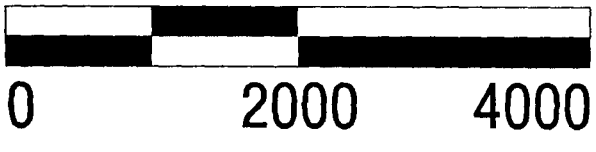
1. Fee Bonding Stipulation ✓
2. The reserve pit shall be located on the southwest portion of the location. A synthetic liner of 12 mil minimum thickness is required for lining the reserve pit. Construction of the reserve pit should be done to avoid any disturbance of the reclaimed reserve pit of the Plugged and abandoned

(over)

3. The stock watering pond ~~location~~ on the southwest portion of the location should not be disturbed during construction or drilling activities.
4. Construction of the location should provide for interception and diversion of any runoff away from the location
5. A berm should be constructed around the location area to provide for sediment control.

UPRR SUMMIT COUNTY
NEWTON SHEEP 3-1H, 27-1H, 24-2H





DRILLING LOCATION ASSESSMENT
State of Utah
Division of Oil, Gas and Mining

OPERATOR: UNION PACIFIC WELL NAME: UPRR 27-2H
SECTION: 27 TWP: 2 N RNG: 6 E SUR.LOC: 904 FSL 578 FEL 1/4 SE SE
BOTTOM HOLE LOCATION: 660 FNL 660 FEL SEC: 27 QTR/QTR: NE NE
COUNTY: SUMMIT FIELD: UNDESIGNATED SURFACE OWNER: FEE
SURFACE AGREEMENT: FEE LAND OWNER
SPACING: ~~40 ACRES STATE SPACING~~
GEOLOGIST: HEBERTSON 1:00 PM SEPT. 8, 1994

PARTICIPANTS:

MIKE HEBERTSON, BRAD HILL, BOBBY COOPER

REGIONAL SETTING/TOPOGRAPHY: WASATCH MOUNTAINS NORTHEAST PORTION OF THE STATE, OVERTHRUST BELT, HIGH ALPINE SLOPES, STEEP HILLS AND NARROW CANYONS. MOSTLY VEGETATED WITH TREES, BUSHES, AND GRASSES.

LAND USE:

CURRENT SURFACE USE: GRAZING FOR DOMESTIC LIVESTOCK, OPEN RANGE FOR DEER AND WILDLIFE.

PROPOSED SURFACE DISTURBANCE: 2.75 ACRE LOCATION, AND RESERVE PIT. ROAD ACCESS 16' WIDE 1/4 MILE LONG.

AFFECTED FLOODPLAINS AND/OR WETLANDS: LOCATION IS LOCATED ON HILLSIDE WITH NO MAJOR OR MINOR DRAINAGES.

FLORA/FAUNA: SAGEBRUSH, BITTER BRUSH, GRASSES, ASPEN, SCRUB OAK; DEER, ELK, MOOSE, SQUIRRELS LIZARDS, HAWKS, EAGLES, SMALLER BIRDS, COYOTE, BOBCAT, INSECTS. ALL VEGETATION WAS BURNED OFF IN A FIRE SOMETIME IN THE PAST. ONLY GRASSES REMAIN.

ENVIRONMENTAL PARAMETERS:

SURFACE GEOLOGY:

SOIL TYPE AND CHARACTERISTICS: CLAY AND SILT, GRAVEL FROM THE FOWKES FORMATION.

SURFACE FORMATION & CHARACTERISTICS: FOWKES. WEATHERS TO SLIGHTLY SANDY CLAY MEDIUN TO LIGHT BRN. WITH ANGULAR TO SUBANGULAR PEBBLES AND ROCKS.

EROSION/SEDIMENTATION/STABILITY: EROSION AND STABILITY COULD BE A MINOR PROBLEM ON THE SOUTHWEST SIDE DURING SPRING RUNOFF, AND SUMMER THUNDER STORMS.

PALEONTOLOGICAL POTENTIAL: NONE.

SUBSURFACE GEOLOGY:

OBJECTIVES/DEPTHS: THE OBJECTIVE FORMATION IS THE TWIN CREEK FORMATION AT 10,000± AND TWO LATERAL LEGS EXTENDING INTO THE NORTHEAST 1/4 AND THE OTHER TO THE SOUTHWEST 1/4 OF THE SECTION.

ABNORMAL PRESSURES-HIGH AND LOW: THIS AREA IS UNDER PRESSURED AND THE ZONE MAY SHOW SOME DEPLETION PRESSURES AS A RESULT OF PREVIOUS PRODUCTION. HOWEVER A PREVIOUS INJECTION WELL OPERATED IN THE SECTION AND THE STUMP MAY BE OVER PRESSURED.

CULTURAL RESOURCES/ARCHAEOLOGY: NONE HAVE BEEN SITED.

CONSTRUCTION MATERIALS: LOCATION WILL BE CONSTRUCTED WITH MATERIALS AT THE SITE USING CUT & FILL AS AVAILABLE, OTHER MATERIAL WILL BE HAULED IN TO GRADE THE ROAD. SPOIL PILES WILL BE PLACED ON THE SOUTHEAST OF THE LOCATION.

SITE RECLAMATION: AS REQUIRED BY THE SURFACE OWNER AGREEMENT.

RESERVE PIT:

CHARACTERISTICS: WILL BE PLACED ON THE SOUTHWEST CORNER OF THE LOCATION. PIT WILL BE PARALLEL TO THE PREVAILING WIND DIRECTION.

LINING: A LINER OF 12 MIL PLASTIC (MINIMUM) WILL BE REQUIRED AND THE PIT WILL BE PADDED OR SMOOTHED SO AS TO PREVENT THE LINER FROM BEING PUNCTURED.

MUD PROGRAM: AS SPECIFIED IN THE APD AND DRILLING PLAN.

DRILLING WATER SUPPLY: WILL BE PURCHASED FROM GILMORE THE FEE SURFACE OWNER.

OTHER OBSERVATIONS :

STIPULATIONS FOR APD APPROVAL:

1. DRAINAGE WILL BE DIVERTED OFF THE LOCATION AND THE TERRACES TO THE SIDES OF THE LOCATION.
2. PIT WILL BE PADDED OR SMOOTHED IN SUCH A WAY THAT A LINER OF 12 MIL PLASTIC WILL NOT PUNCTURE.
3. A BERM TO CATCH SEDIMENT WILL BE PLACED AROUND THE BASE OF THE LOCATION ON ALL SIDES.
4. THE NEW PAD WILL BE BUILT IN SUCH A WAY THAT THE OLD RESERVE PIT ON SOUTHWEST EDGE WILL NOT BE DISTURBED.

5. THE STOCK WATERING POND ON THE SOUTHWEST OF THE LOCATION WILL NOT BE DISTURBED.

ATTACHMENTS

PHOTOGRAPHS WILL BE PLACED OF FILE.

Evaluation Ranking Criteria and Ranking Score

Site-Specific Factors	Ranking Score	Final Ranking Score
Distance to Groundwater		
>200′	0	0
100 to 200′	5	
75 to 100′	10	
25 to 75′	15	
<25′ or recharge area	20	
Distance to surface Water		
>1000′	0	10
300 to 1000′	2	
200 to 300′	10	
100 to 200′	15	
< 100′	20	
Distance to Nearest Municipal Well		
>5280′	0	0
1320 to 5280′	5	
500 to 1320′	10	
<500′	20	
Distance to Other Wells		
>1320′	0	0
300 to 1320′	10	
<300′	20	
Native Soil Type:		
Low permeability	0	10
Mod. permeability	10	
High permeability	20	

Drilling Fluid Air/mist Fresh Water 5000< TDS <10000 TDS > 10000 Oil Based Mud or mud containing hazardous constituents	 0 5 10 15 20	15
Drill Cuttings Normal Rock Salt or detrimental	 0 10	10
Annual Precipitation <10 10 to 20 >20	 0 5 10	10
Affected Populations <10 10 to 30 30 to 50 >50	 0 10 15 20	0
Presence of Nearby Utility Conduits Not Present Unknown Present	 0 5 15	0

Final Score	55

STATE OF UTAH

Operator: UNION PACIFIC RES. CO.	Well Name: UPRR 27-2H
Project ID: 43-043-30306	Location: SEC. 27 - T02N - R06E

Design Parameters:

Mud weight (9.90 ppg)	: 0.514	psi/ft
Shut in surface pressure	: 4521	psi
Internal gradient (burst)	: 0.112	psi/ft
Annular gradient (burst)	: 0.000	psi/ft

Tensile load is determined using buoyed weight
Service rating is "Sweet"

Design Factors:

Collapse	: 1.125	
Burst	: 1.00	
8 Round	: 1.80	(J)
Buttress	: 1.60	(J)
Other	: 1.50	(J)
Body Yield	: 1.50	(B)

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	8,500	7.625	29.70	S-95	LT&C	8,500	6.750	
2	2,750	7.750	46.10	LS-125	LT&C	11,250	6.500	

	Collapse Load (psi)	Collapse Strgth (psi)	Collapse S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	Burst S.F.	Tension Load (kips)	Tension Strgth (kips)	Tension S.F.
1	4371	6844	1.566	5476	8180	1.49	321.82	668	2.08 J
2	5786	16610	2.871	5786	16400	2.83	107.58	1279	11.89 J

Prepared by : FRM, Salt Lake City, UT
Date : 09-20-1994
Remarks :

HORIZONTAL HOLE
Minimum segment length for the 11,250 foot well is 1,000 feet.
SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 130°F (Surface 74°F , BHT 186°F & temp. gradient 1.000°/100 ft.)
The mud gradient and bottom hole pressures (for burst) are 0.514 psi/ft and 5,786 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.06)

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 20, 1994

Union Pacific Resources Company
P.O. Box 7 MS/3006
Fort Worth, Texas 76101-0007

Re: UPRR 27-1H Well, Surface Location 904' FSL, 578' FEL, Bottom Hole Location 660 FNL, 660 FEL, SE SE, Sec. 27, T. 2 N., R. 6 E., Summit County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 167-3 dated February 27, 1980, and Utah Admin. R.649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to horizontally drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Union Pacific Resources Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.

2. The reserve pit shall be located on the southwest portion of the location. A synthetic liner of 12 mil minimum thickness is required for lining the reserve pit. Construction of the reserve pit should be done to avoid any disturbance of the reclaimed reserve pit of the plugged and abandoned #27-1 well.

3. The stock watering pond on the southwest portion of the location should not be disturbed during construction or drilling activities.

4. Construction of the location should provide for interception and diversion of any run off away from the location.

5. A berm should be constructed around the location area to provide for sediment control.

6. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.

7. Notification to the Division within 24 hours after drilling operations commence.

8. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.

9. Submittal of the Report of Water Encountered During Drilling, Form 7.

10. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

11. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-043-30306.

Sincerely,

R.J. Firth
Associate Director

ldc
Enclosures
cc: Summit County Assessor
Bureau of Land Management, Salt Lake City District Office
WOI1

REPORT OF SUBSURFACE SOILS EXPLORATION

Terracon

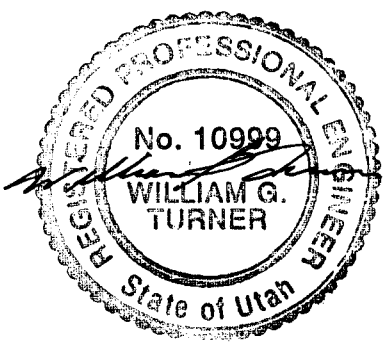
PREPARED FOR:

UNION PACIFIC RESOURCES
FORT WORTH, TEXAS

U.P.R.C.

DRILL PAD UNDER CONSTRUCTION
BLONQUIST PEAK AREA
SUMMIT COUNTY, UTAH

PREPARED BY:
TERRACON CONSULTANTS WESTERN, INC.
CONSULTING GEOTECHNICAL ENGINEERS
SALT LAKE CITY, UTAH



NOVEMBER 1993

PROJECT NO. 61945062

Terracon
CONSULTANTS WESTERN, INC.
92 West 3900 South
Suite 100
Salt Lake City, Utah 84107
Phone (801) 266-2100 Fax (801) 266-2191

Richard T. Kanemasu, P.E.
Walter V. Jones, P.E.
Curt Christensen, P.E.
Michael L. Walker, C.E.T.

November 10, 1994

Union Pacific Resources
P.O. Box 7 MS3605
Fort Worth, Texas 76101

Attn: Mr. Bill Charles

Subject: Report of Subsurface Soils Exploration
Drill Pad Under Construction
Blonquist Peak Area
Summit County, Utah
Terracon Project No. 61945062

Gentlemen:

The following report presents the results of our subsurface soils exploration performed for the drill pad being constructed just below Blonquist Peak in Summit County, Utah. The purpose of this report is to describe our observations and the subsurface conditions encountered in the boring drilled at the site, analyze and evaluate the test data, and provide geotechnical recommendations regarding grading of the drill pad cut and fill slopes.

PROPOSED CONSTRUCTION/OBSERVED SITE CONDITIONS

We understand the project consists of constructing a drill pad measuring approximately 400 feet by 300 feet in plan. A lined reserve pit for holding drill cuttings, measuring about 105 feet wide by 190 feet long by 10 feet deep (below the adjacent pad elevation), was to be located in the southwest corner of the pad. During our site visit of October 27, 1994, we observed that the fill slope along the southeastern side of the pad had been placed at a gradient of about 1.5H to 1V. Excavation of the reserve pit had begun, with the bottom of the excavation approximately 2 feet below the adjacent pad elevation. The slope along the northwestern side of the pad had been cut at a gradient of about 1 Horizontal to 1 Vertical. We observed that the cut slope had failed and had moved toward the excavated area. This movement may have been precipitated by melting of the recent snowfall since construction personnel reportedly observed some seepage at the toe of the cut prior to failure.

If the information or proposed construction varies significantly from that described above, we should be notified immediately so that the applicability of the recommendations presented herein can be re-evaluated.

SUBSURFACE EXPLORATION PROCEDURES

One boring was drilled at the site near the northeast toe of the existing fill. The boring location was selected by Terracon Consultants Western, Inc. The boring was drilled using a truck-mounted rotary drill rig to auger refusal, which occurred at a depth of about 18.5 feet below the existing ground surface. Continuous flight hollow stem augers were used to advance the borings. Disturbed soil samples were obtained at various depths using both 2.5-inch and 2-inch outside diameter (O.D.) split barrel samplers driven as described for the Standard Penetration Test (SPT) in ASTM specification D1586. The result of the SPT is a blow count (N-value). The N-value is the number of blows from a 140-pound hammer free falling a height of 30 inches required to drive the split spoon sampler the last 12 inches (or the interval indicated) of a typical 18-inch interval. The N value provides a reasonable indication of the in-place density of sandy type materials, but only provides an indication of the relative stiffness of cohesive materials since the blow count in these soils is a function of the moisture content. In addition, considerable care must be exercised in interpreting the N values in gravelly soils, particularly where the size of the gravel particle exceeds the inside diameter of the sampler.

Samples were placed in sealable bags for transportation to the laboratory. Sampling intervals and depths, N-values, material descriptions, consistency evaluations, and estimated bedrock depths are shown on the boring logs included in the Appendix.

LABORATORY TESTING AND CLASSIFICATION

Samples obtained during the field exploration were taken to the laboratory where they were classified based on visual observation, texture, and plasticity in accordance with ASTM D2488, which is based on the Unified Soil Classification System. The description of the soils and the estimated group symbols indicated on the boring logs are in accordance with the enclosed General Notes and the Unified Soil Classification System. A brief description of the classification system is included with this report.

Representative samples were selected for testing as listed below to determine the physical and engineering properties of the soil in general accordance with ASTM or other approved procedures.

Tests Conducted	To Determine
Natural Moisture Content	Moisture content representative of field conditions at the time samples were taken.
Natural Dry Density	Dry unit weight of sample representative of in-situ, undisturbed condition.
Direct Shear	Soil shearing strength under varying load and/or moisture conditions. For use in foundation and below-grade wall design and slope stability evaluation.

Results of the field and laboratory tests are summarized on Figure 1 and Table 1 included in the Appendix. This data, along with the field information, was used to prepare the exploratory boring logs included therein.

SUBSURFACE CONDITIONS

Conditions encountered at the boring location are indicated on the individual boring log. Stratification boundaries shown on the boring log represents the approximate location of changes in material types. In-situ, the transitions between materials may be gradual.

Based on the results of the single boring, subsurface conditions may be generally described as about 6 inches of topsoil underlain by clay and weathered claystone and sandstone bedrock. The lean clay was encountered below the topsoil extending to a depth of about 3 feet followed by weathered claystone materials to a depth of approximately 12.5 feet below the existing ground surface. Less weathered and harder claystone was again encountered between depths of 16.5 feet and 18.5 feet, the latter being the maximum depth attained due to auger refusal. The natural moisture content of the weathered claystone is about 13 percent, and the natural dry density is about 127 pounds per cubic foot (pcf). Direct shear tests performed on remolded claystone samples resulted in an internal friction angle of 37 degrees and an apparent cohesion of 630 pounds per square foot (psf). The shear test

specimens were remolded to about the same density and moisture content as the in-place soils. Weathered sandstone bedrock was encountered primarily between depths of 12.5 and 16.5 feet below the existing ground surface.

Free water was not observed in the boring at the time of our field exploration. It should be recognized that fluctuations of the free water level may occur due to seasonal variations and the amount of rainfall, runoff, and other factors not evident at the time the borings were drilled. The evaluation of these factors is beyond the scope of this report.

ENGINEERING ANALYSIS

The stability analyses described below were performed using the computer program PCSTABL5M, which uses a limit equilibrium method for calculating factors of safety against sliding on an assumed failure surface. Based on user input, PCSTABL5M evaluates numerous potential failure surfaces, with the most critical failure surface identified as the one yielding the lowest factor of safety of those evaluated. The analyses data are included in the Appendix.

The existing cut slope that failed was analyzed to backcalculate residual strength values for the weathered claystone. Based on the results of our laboratory tests, an in-place unit weight of 140 pcf was used in the analysis. Assuming a factor of safety (FS) of about 1.0 for the existing slope and the 1:1 cut slope, assuming the slide is arcuate in shape (block wedges were analyzed but resulted in higher strength values than arcuate surfaces), and using a critical failure surface as described above, we selected a backcalculated internal friction angle of 20 degrees and 240 psf for the weathered claystone materials. These strength values were then used to determine what procedures would be required to repair the slide.

Accordingly, a FS of at least 1.2 can be obtained by cutting the affected slope at a 1.75 Horizontal to 1 Vertical gradient, or flatter, and by constructing a 15-foot high berm with a crest width of approximately 10 feet against the toe of the cut slope. We also analyzed placing the reserve pit at least 20 feet from the toe of the berm. The results of that analysis obtained a minimum FS of 1.3 when the pit is empty. A higher FS is anticipated when the pit is full.

In addition, we analyzed the stability of the fill pad placed over natural materials. The fill has been placed at a 1.5H to 1V slope and is about 70 feet high from toe to top at the northeast corner of the pad. Laboratory test results indicated that samples remolded to about the in-placed density and moisture have an internal friction angle of 37 degrees and an apparent cohesion of 640 psf, which are higher than would be expected for similar materials. Thus, based on the results of our field and laboratory testing and our experience with similar materials, we used assumed values for the fill soils of 25 degrees for the internal friction angle, 600 psf for the cohesion value, and 135 pcf for the unit weight. Sensitivity analysis of the strength values for the weathered claystone indicates that using the backcalculated values as discussed above results in a FS less than 1.0, which is not possible since the fill slope is intact and no apparent movement has occurred. Therefore, slightly higher strength values (an internal friction angle of 20 degrees and an apparent cohesion of 500 psf) were assumed for the weathered claystone. Using these parameters, the results of our analyses indicate a FS of 1.23 for the existing 1.5H to 1V fill slope, and a FS of 1.32 for a 2H to 1V fill slope.

Note that our analysis assumes that the fill and natural materials do not become saturated. Thus, appropriate drainage directed away from the drill pad will be very important to maintain the FS values given above. This would include ensuring that the reserve pit for the drill cuttings is properly lined and that no holes be allowed in the liner.

CONCLUSIONS/RECOMMENDATIONS

1. The existing cut slope which failed should be graded at 1.75 Horizontal to 1 Vertical, or flatter. A brow ditch to drain water away from the slope face should be constructed along the top of the cut slope.

2. A berm should be constructed at the toe of the failed area, measuring about 15 feet high by at least 10 feet wide at the crest. The berm slope should be graded to at least a 1.5H to 1V gradient.

3. The top of the reserve pit should be located at least 20 feet from the toe of the berm. The slope of the pit closest to the berm should be excavated at a 1.5H to 1V slope,

or flatter. The pit should be lined so that water does not percolate downward beneath the fill.

4. We recommend the fill slope be constructed using 2H to 1V slopes. A small berm should be constructed at the top of the fill slope so that water does not flow from the pad over the slope face.

5, The drill pad should be graded and sloped toward appropriate drainage devices so that water does not pond anywhere on the pad. Drainage should be discharged at least 10 feet away from the pad and cut or fill slopes in such a manner that water is not directed toward the drill pad.

GENERAL COMMENTS

The analysis and recommendations presented in this report are based upon the data obtained from the boring drilled at the indicated location. This report does not reflect variations which may occur at other areas or across the site. The nature and extent of such variations may not become evident until construction. If variations appear evident it will be necessary to reevaluate the recommendations of this report.

It is recommended that the geotechnical engineer be retained to review the plans and specifications so that comments can be provided regarding the interpretation and implementation of our geotechnical recommendations in the design and specifications. It is further recommended that the geotechnical engineer be retained for testing and observation during earthwork and foundation construction phases to help determine that the design requirements are fulfilled.

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are provided. In the event that any changes in the nature, design or location of the project as outlined in this report are planned, the recommendations contained in this report shall not be considered valid

unless the changes are reviewed and the conclusions of this report modified or verified in writing by the geotechnical engineer.

CLOSURE

We appreciate the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we may be of further assistance to you in any way, we are available at your convenience.

Respectfully submitted,

TERRACON CONSULTANTS WESTERN, INC.

William G. Turner, P.E.
Geotechnical Engineer

James R. Kuenzli, P.E.
Senior Geotechnical Engineer

In triplicate

APPENDIX

LOGS OF EXPLORATORY BORINGS
GENERAL NOTES
UNIFIED CLASSIFICATION SYSTEM
LABORATORY TEST RESULTS - FIGURE 1 AND TABLE 1
SLOPE STABILITY DATA

LOG OF BORING NO. B-1

OWNER: Union Pacific Resources

ARCHITECT/ENGINEER:

SITE: Summit County, Utah

PROJECT: Drill Pad Under Construction at Blonquist Peak

Approx. Surface Elev.: ft.

Location:

GRAPHIC LOG	DESCRIPTION	DEPTH (FT.)	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY	SAMPLES SPT - N BLOWS / FT.	TESTS MOISTURE, %	TESTS DRY DENSITY PCF	TESTS UNCONFINED STRENGTH PSF
	0.5 Topsoil									
	Lean Clay with sand (CL): stiff, moist, brown, trace of gravel			1	SS	0.7	16			
	3.0 Claystone: weathered, slightly moist, reddish brown	5		2	SS	0.7	87	19	115	
		10		3	SS	NR	100/0.1			
	12.5 Sandstone: weathered, dry to slightly moist, brownish white			4	SS	0.75	100/0.5			
	- Claystone interbed from 15.5 to 16 feet	15		5	SS	1.5	40			
	16.5 Claystone: slightly weathered, hard, dry to slightly moist, light reddish brown									
	18.5 Auger Refusal at 18.5 feet			NR	SS	6	50/.0			

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS		
WL	▽	▼
WL		
WL		

Terracon

BORING STARTED	11-2-94
BORING COMPLETED	11-2-94
RIG B-52	FOREMAN RP
APPROVED WGT	JOB # 61945062

GENERAL NOTES

DRILLING & SAMPLING SYMBOLS:

SS	:	Split Spoon - 1⅜" I.D., 2" O.D., unless otherwise noted	PS	:	Piston Sample
ST	:	Thin-Walled Tube - 2" O.D., Unless otherwise noted	WS	:	Wash Sample
PA	:	Power Auger	FT	:	Fish Tail Bit
HA	:	Hand Auger	RB	:	Rock Bit
DB	:	Diamond Bit - 4", N, B	BS	:	Bulk Sample
AS	:	Auger Sample	PM	:	Pressuremeter
HS	:	Hollow Stem Auger	DC	:	Dutch Cone
			WB	:	Wash Bore

Standard "N" Penetration: Blows per foot of a 140 pound hammer falling 30 inches on a 2 inch OD split spoon, except where noted.

WATER LEVEL MEASUREMENT SYMBOLS:

WL	:	Water Level	WS	:	While Sampling
WCI	:	Wet Cave In	WD	:	While Drilling
DCI	:	Dry Cave In	BCR	:	Before Casing Removal
AB	:	After Boring	ACR	:	After Casing Removal

Water levels indicated on the boring logs are the levels measured in the borings at the times indicated. In pervious soils, the indicated levels may reflect the location of groundwater. In low permeability soils, the accurate determination of ground water levels is not possible with only short term observations.

DESCRIPTIVE SOIL CLASSIFICATION:

Soil Classification is based on the Unified Soil Classification System and ASTM Designations D-2487 and D-2488. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; they are described as: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are described as: clays, if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse grained soils are defined on the basis of their relative in-place density and fine grained soils on the basis of their consistency. Example: Lean clay with sand, trace gravel, stiff (CL); silty sand, trace gravel, medium dense (SM).

CONSISTENCY OF FINE-GRAINED SOILS:

Unconfined Compressive Strength, Qu, psf	Consistency
< 500	Very Soft
500 - 1,000	Soft
1,001 - 2,000	Medium
2,001 - 4,000	Stiff
4,001 - 8,000	Very Stiff
8,001 -16,000	Hard
> -16,000	Very Hard

RELATIVE DENSITY OF COARSE-GRAINED SOILS:

N-Blows/ft.	Relative Density
0-3	Very Loose
4-9	Loose
10-29	Medium Dense
30-49	Dense
50-80	Very Dense
80+	Extremely Dense

RELATIVE PROPORTIONS OF SAND AND GRAVEL

Descriptive Term(s) (of Components Also Present in Sample)	Percent of Dry Weight
Trace	< 15
With	15 - 29
Modifier	> 30

RELATIVE PROPORTIONS OF FINES

Descriptive Term(s) (of Components Also Present in Sample)	Percent of Dry Weight
Trace	< 5
With	5 - 12
Modifier	> 12

GRAIN SIZE TERMINOLOGY

Major Component Of Sample	Size Range
Boulders	Over 12 in. (300mm)
Cobbles	12 in. to 3 in. (300mm to 75mm)
Gravel	3 in. to #4 sieve (75mm to 4.75mm)
Sand	#4 to #200 sieve (4.75mm to 0.075mm)
Silt or Clay	Passing #200 sieve (0.075mm)

Terracon

UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests[A]					Soil Classification	
					Group Symbol	Group Name[B]
Coarse-Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines[C]	Cu ≥ 4 and 1 ≤ Cc ≤ 3[E]		GW	Well-graded gravel[F]
			Cu < 4 and/or 1 > Cc > 3[E]		GP	Poorly graded gravel[F]
		Gravels with Fines More than 12% fines[C]	Fines classify as ML or MH		GM	Silty gravel[F, G, H]
			Fines classify as CL or CH		GC	Clayey gravel[F, G, H]
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines[E]	Cu ≥ 6 and 1 ≤ Cc ≤ 3[E]		SW	Well-graded sand[I]
			Cu < 6 and/or 1> Cc > 3[E]		SP	Poorly graded sand[I]
		Sands with Fines More than 12% fines[D]	Fines classify as ML or MH		SM	Silty sand[G, H, I]
			Fines classify as CL or CH		SC	Clayey sand[G, H, I]
Fine-Grained Soils 50% or more passes the No. 200 sieve	Silts and Clays Liquid limit less than 50	inorganic	PI > 7 and plots on or above "A" line[J]		CL	Lean clay[K, L, M]
			PI < 4 or plots below "A" line[J]		ML	Silt[K, L, M]
		organic	Liquid limit — oven dried / Liquid limit — not dried	< 0.75	OL	Organic clay[K, L, M, N] / Organic silt[K, L, M, O]
	Silts and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line		CH	Fat clay[K, L, M]
			PI plots below "A" line		MH	Elastic silt[K, L, M]
		organic	Liquid limit — oven dried / Liquid limit — not dried	< 0.75	OH	Organic clay[K, L, M, P] / Organic silt[K, L, M, Q]
Highly organic soils		*Primarily organic matter, dark in color, and organic odor*			PT	Peat

[A] Based on the material passing the 3-in. (75-mm) sieve.

[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

[C] Gravels with 5 to 12% fines require dual symbols:
GW-GM well-graded gravel with silt
GW-GC well-graded gravel with clay
GP-GM poorly graded gravel with silt
GP-GC poorly graded gravel with clay

[D] Sands with 5 to 12% fines require dual symbols:
SW-SM well-graded sand with silt
SW-SC well-graded sand with clay
SP-SM poorly graded sand with silt
SP-SC poorly graded sand with clay

[E] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 15% sand, add "with sand" to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add "with organic fines" to group name.

[I] If soil contains ≥ 15% gravel, add "with gravel" to group name.

[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel", whichever is predominant.

[L] If soil contains ≥ 30% plus. No. 200 predominantly sand, add "sandy" to group name.

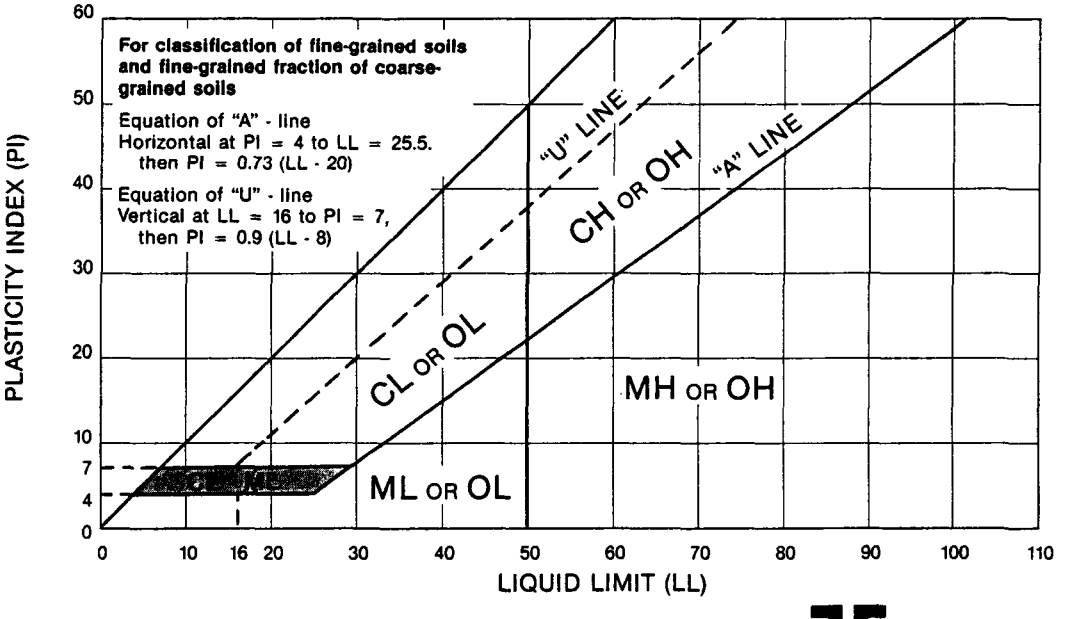
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.

[N] PI ≥ 4 and plots on or above "A" line.

[O] PI < 4 or plots below "A" line.

[P] PI plots on or above "A" line.

[Q] PI plots below "A" line.

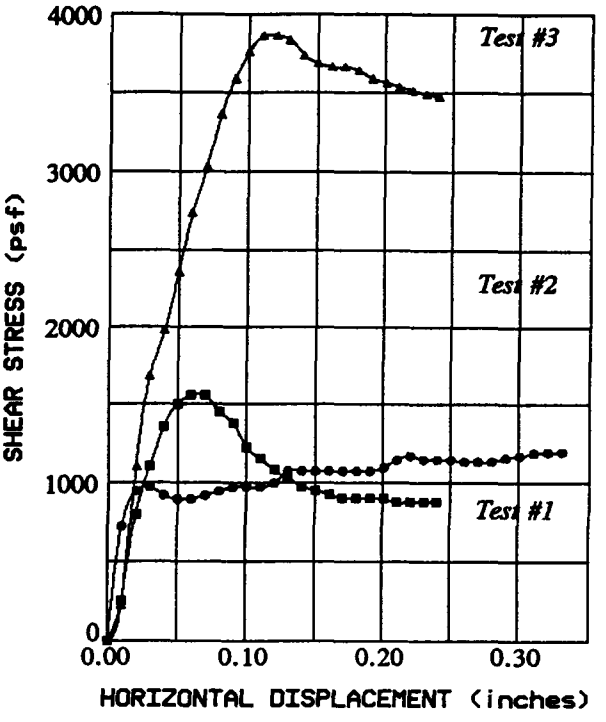


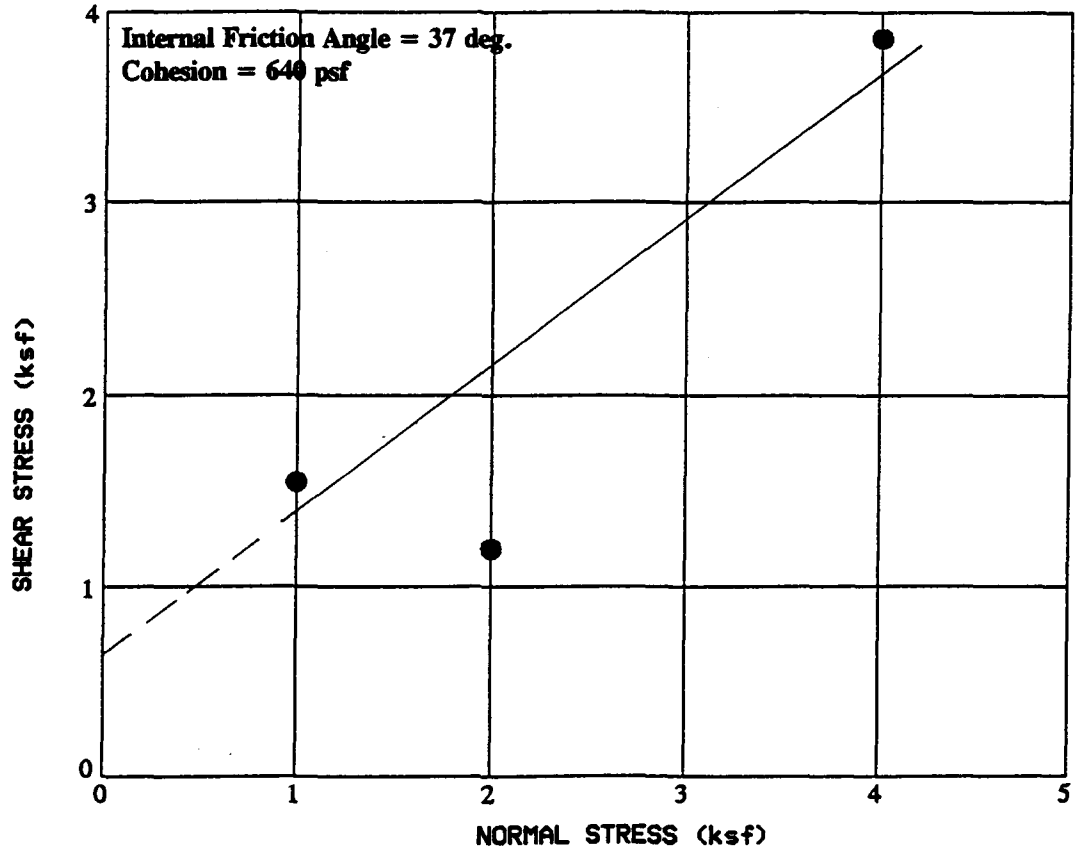
Terracon

Form 111—6-85

SAMPLE LOCATION: B-1 @ 5.0

Test Number	1	2	3
Height (inches)	1.03	1.03	1.03
Diameter (inches)	2.41	2.41	2.41
Initial Water Content (%)	17.3	19.3	17.5
Initial Dry Density (pcf)	115.9	114.8	115.0
Consolidation Load (ksf)			
Normal Load (ksf)	1.000	2.000	4.000
Shear Stress (ksf)	1.550	1.200	3.860
Type of Specimen	Remolded		
Soil Description	Claystone		
Type of Test	Unconsol.-Undrained		





PROJECT Drill Pad Under Construction at Blonquist
Peak - Summit County, Utah

JOB NO. 61945062
DATE 11/7/94

DIRECT SHEAR TEST
Terracon Consultants, Inc.
Salt Lake City, Utah

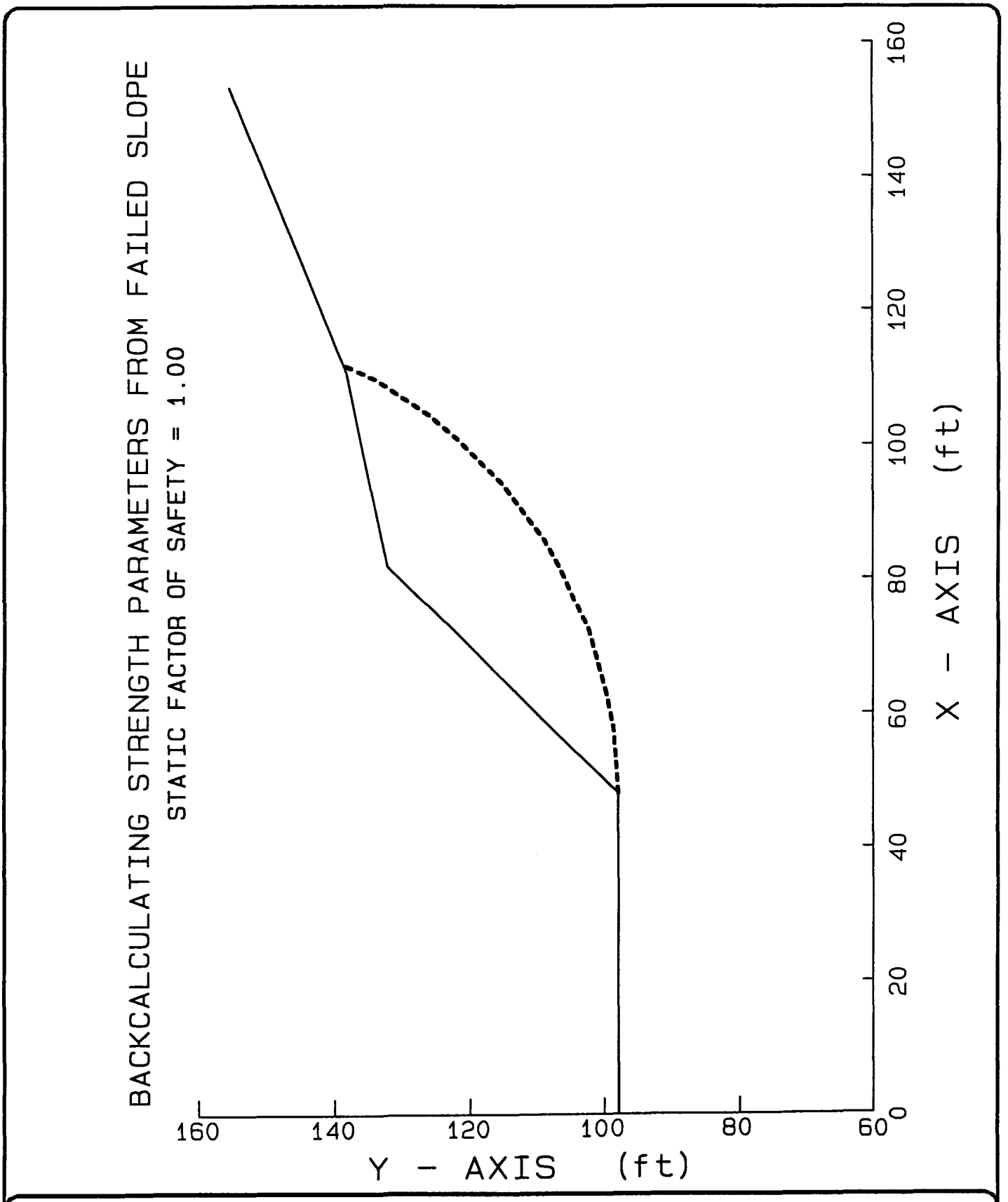
Table 1

SUMMARY OF LABORATORY TEST RESULTS

Drill Pad Under Construction Near Blonquist Peak - Summit County, Utah

Project No. 61945062

SAMPLE LOCATION		NATURAL MOISTURE CONTENT (%)	NATURAL DRY DENSITY (PCF)	GRADATION			ATTERBERG LIMITS		INTERNAL FRICTION ANGLE (°) & COHESION (PSF)	UNIFIED SOIL CLASSIFICATION
BORING NO.	DEPTH (FEET)			GRAVEL (%)	SAND (%)	SILT and CLAY (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)		
B-1	5-6.5	13	127						37° & 640 psf	Weathered Claystone



SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc2
Output Filename: uprc2.out
Plotted Output Filename: uprc2.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
BACKCALCULATE SOIL STRENGTH

BOUNDARY COORDINATES

4 Top Boundaries
4 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	98.00	48.00	98.00	1
2	48.00	98.00	82.00	132.00	1
3	82.00	132.00	111.00	138.00	1
4	111.00	138.00	153.00	155.00	1

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	140.0	140.0	240.0	20.0	.00	.0	1
2	135.0	135.0	500.0	25.0	.00	.0	1

Trial Failure Surface Specified By 17 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	48.00	98.00
2	53.00	98.17
3	57.97	98.68
4	62.89	99.55
5	67.75	100.77
6	72.50	102.32
7	77.13	104.21

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

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8	81.61	106.42
9	85.93	108.94
10	90.06	111.76
11	93.98	114.87
12	97.66	118.24
13	101.10	121.87
14	104.28	125.73
15	107.17	129.81
16	109.77	134.08
17	111.99	138.40

Circle Center At X = 48.2 ; Y = 168.6 and Radius, 70.6

Factor Of Safety For The Preceding Specified Surface = .997

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

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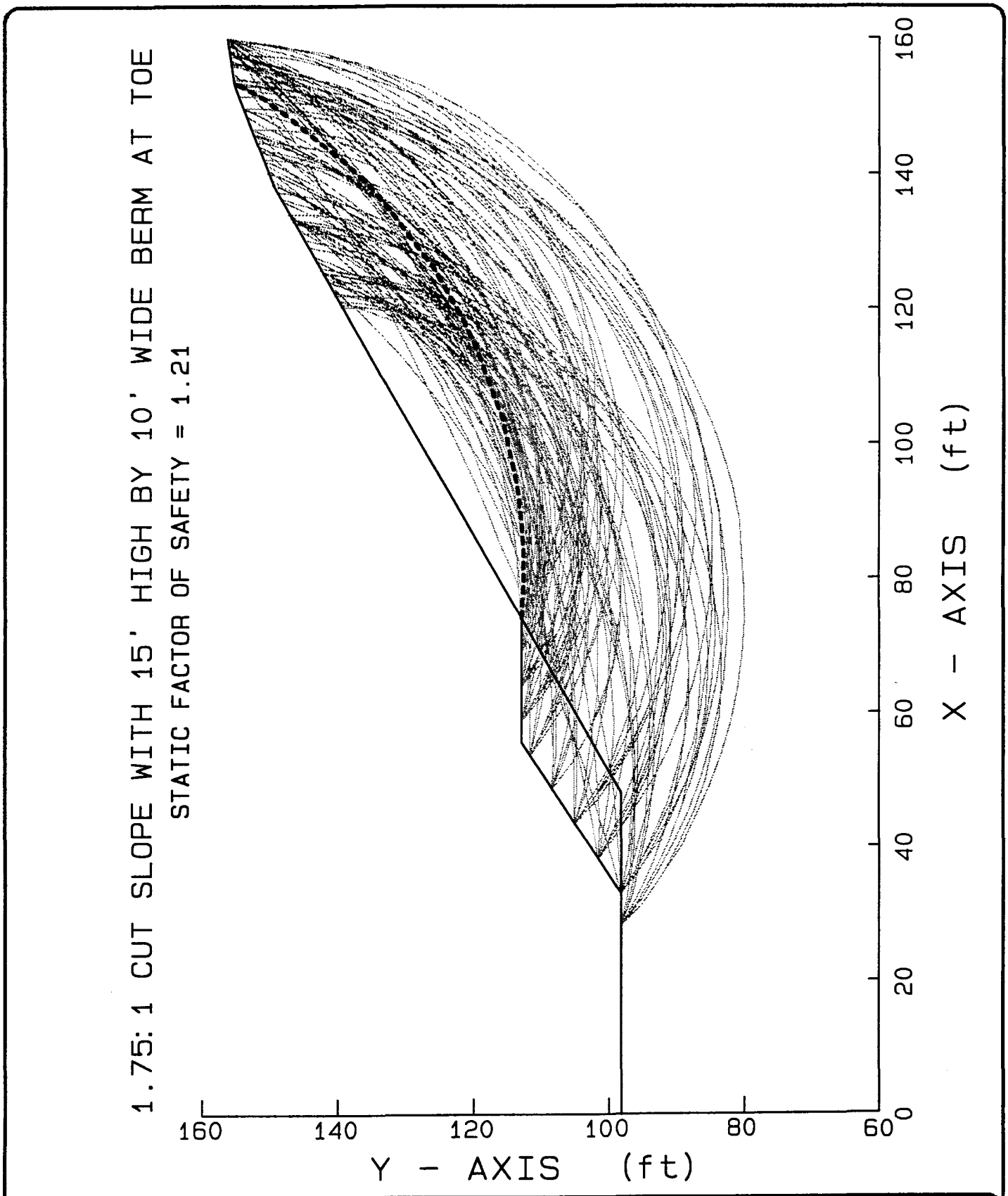

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc4
Output Filename: uprc4.out
Plotted Output Filename: uprc4.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
1.75:1 CUT SLOPE+10' HIGH BERM AT TOE

BOUNDARY COORDINATES

6 Top Boundaries
8 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	98.00	33.00	98.00	1
2	33.00	98.00	55.50	113.00	2
3	55.50	113.00	74.00	113.00	2
4	74.00	113.00	138.00	149.40	1
5	138.00	149.40	153.00	155.00	1
6	153.00	155.00	160.00	156.00	1
7	33.00	98.00	48.00	98.00	1
8	48.00	98.00	74.00	113.00	1

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	140.0	140.0	240.0	20.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

100 Trial Surfaces Have Been Generated.

10 Surfaces Initiate From Each Of 10 Points Equally Spaced
Along The Ground Surface Between X = 28.00 ft.

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

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and X = 74.00 ft.

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 21 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	74.00	113.00
2	78.99	112.72
3	83.99	112.74
4	88.98	113.06
5	93.94	113.68
6	98.86	114.59
7	103.71	115.81
8	108.48	117.31
9	113.15	119.10
10	117.70	121.17
11	122.12	123.51
12	126.39	126.11
13	130.49	128.96
14	134.42	132.06
15	138.15	135.39
16	141.68	138.93
17	144.98	142.68
18	148.05	146.63
19	150.88	150.75
20	153.45	155.04
21	153.47	155.07

Circle Center At X = 81.2 ; Y = 195.5 and Radius, 82.8

*** 1.206 ***

Individual data on the 22 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	5.0	1091.1	.0	.0	.0	.0	.0	.0	.0

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

2	5.0	3174.6	.0	.0	.0	.0	.0	.0	.0
3	5.0	5034.5	.0	.0	.0	.0	.0	.0	.0
4	5.0	6644.8	.0	.0	.0	.0	.0	.0	.0
5	4.9	7985.5	.0	.0	.0	.0	.0	.0	.0
6	4.9	9042.6	.0	.0	.0	.0	.0	.0	.0
7	4.8	9808.6	.0	.0	.0	.0	.0	.0	.0
8	4.7	10282.0	.0	.0	.0	.0	.0	.0	.0
9	4.6	10467.9	.0	.0	.0	.0	.0	.0	.0
10	4.4	10377.6	.0	.0	.0	.0	.0	.0	.0
11	4.3	10028.3	.0	.0	.0	.0	.0	.0	.0
12	4.1	9443.0	.0	.0	.0	.0	.0	.0	.0
13	3.9	8649.9	.0	.0	.0	.0	.0	.0	.0
14	3.6	7381.3	.0	.0	.0	.0	.0	.0	.0
15	.2	300.6	.0	.0	.0	.0	.0	.0	.0
16	3.5	6392.6	.0	.0	.0	.0	.0	.0	.0
17	3.3	4894.2	.0	.0	.0	.0	.0	.0	.0
18	3.1	3406.5	.0	.0	.0	.0	.0	.0	.0
19	2.8	1975.0	.0	.0	.0	.0	.0	.0	.0
20	2.1	618.9	.0	.0	.0	.0	.0	.0	.0
21	.5	23.5	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0

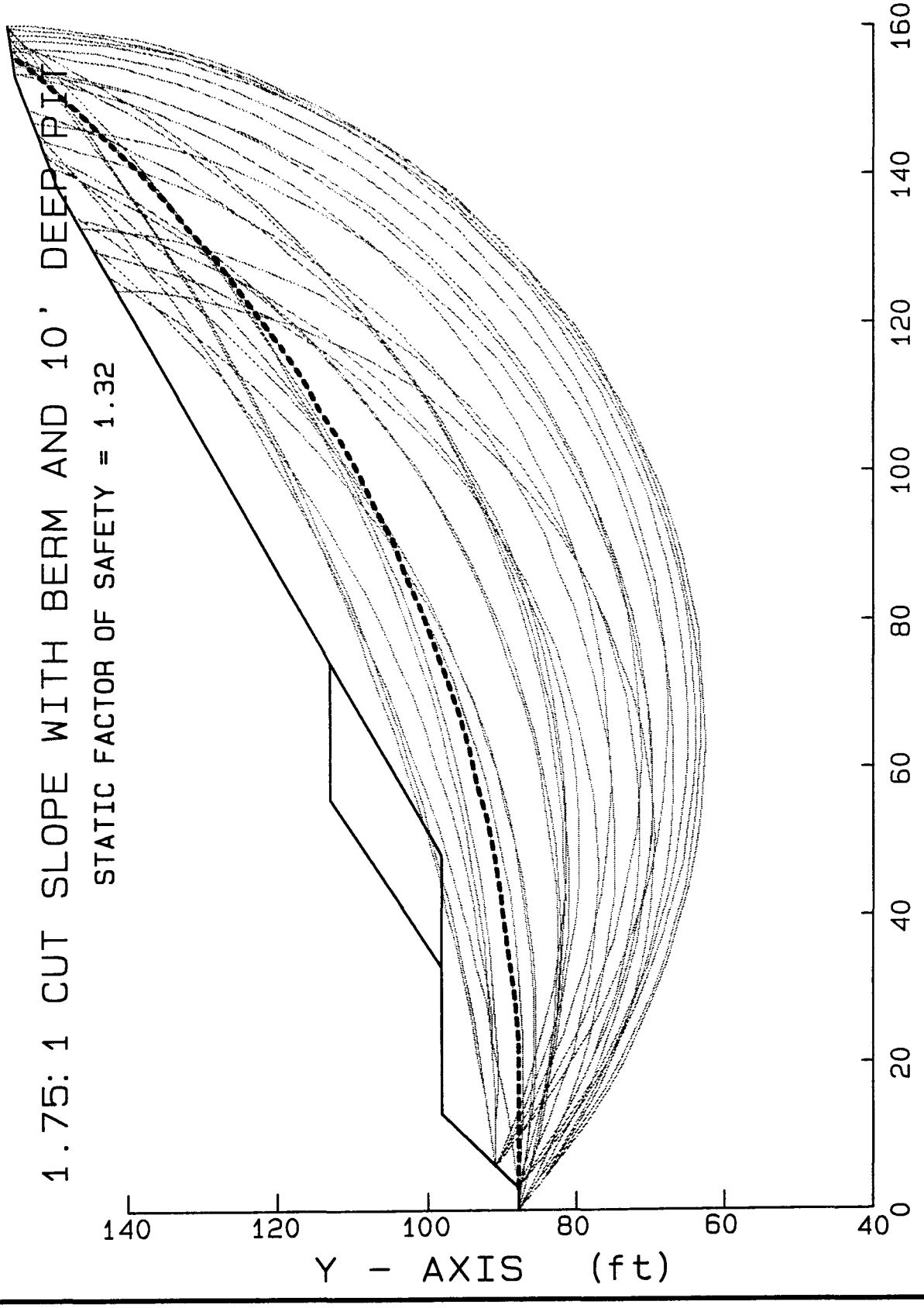
SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc5
Output Filename: uprc5.out
Plotted Output Filename: uprc5.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
1.75:1 CUT SLOPE+15' HIGH BERM AT TOE

BOUNDARY COORDINATES

8 Top Boundaries
10 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	88.00	3.00	88.00	1
2	3.00	88.00	13.00	98.00	1
3	13.00	98.00	33.00	98.00	1
4	33.00	98.00	55.50	113.00	2
5	55.50	113.00	74.00	113.00	2
6	74.00	113.00	138.00	149.40	1
7	138.00	149.40	153.00	155.00	1
8	153.00	155.00	160.00	156.00	1
9	33.00	98.00	48.00	98.00	1
10	48.00	98.00	74.00	113.00	1

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	140.0	140.0	250.0	20.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

30 Trial Surfaces Have Been Generated.

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

10 Surfaces Initiate From Each Of 3 Points Equally Spaced
Along The Ground Surface Between X = .00 ft.
and X = 6.00 ft.

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 36 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	3.00	88.00
2	8.00	87.80
3	13.00	87.74
4	18.00	87.81
5	22.99	88.02
6	27.98	88.36
7	32.96	88.84
8	37.92	89.45
9	42.86	90.19
10	47.79	91.07
11	52.68	92.08
12	57.55	93.22
13	62.39	94.50
14	67.18	95.90
15	71.94	97.43
16	76.66	99.09
17	81.33	100.88
18	85.95	102.79
19	90.52	104.83
20	95.03	106.99
21	99.48	109.27
22	103.86	111.67
23	108.18	114.19
24	112.43	116.82
25	116.61	119.57
26	120.71	122.42
27	124.74	125.39
28	128.68	128.47
29	132.54	131.65
30	136.31	134.93
31	139.98	138.32
32	143.57	141.80
33	147.06	145.38
34	150.46	149.05
35	153.75	152.82
36	155.91	155.42

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

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Circle Center At X = 12.8 ; Y = 272.8 and Radius, 185.1

*** 1.319 ***

Individual data on the 42 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	5.0	1816.5	.0	.0	.0	.0	.0	.0	.0
2	5.0	5407.4	.0	.0	.0	.0	.0	.0	.0
3	.0	5.5	.0	.0	.0	.0	.0	.0	.0
4	5.0	7151.0	.0	.0	.0	.0	.0	.0	.0
5	5.0	7053.5	.0	.0	.0	.0	.0	.0	.0
6	5.0	6851.4	.0	.0	.0	.0	.0	.0	.0
7	5.0	6551.1	.0	.0	.0	.0	.0	.0	.0
8	.0	55.2	.0	.0	.0	.0	.0	.0	.0
9	4.9	7187.9	.0	.0	.0	.0	.0	.0	.0
10	4.9	8951.5	.0	.0	.0	.0	.0	.0	.0
11	4.9	10538.4	.0	.0	.0	.0	.0	.0	.0
12	.2	493.6	.0	.0	.0	.0	.0	.0	.0
13	4.7	11538.4	.0	.0	.0	.0	.0	.0	.0
14	2.8	7601.3	.0	.0	.0	.0	.0	.0	.0
15	2.1	5643.9	.0	.0	.0	.0	.0	.0	.0
16	4.8	12761.3	.0	.0	.0	.0	.0	.0	.0
17	4.8	11833.3	.0	.0	.0	.0	.0	.0	.0
18	4.8	10823.1	.0	.0	.0	.0	.0	.0	.0
19	2.1	4370.5	.0	.0	.0	.0	.0	.0	.0
20	2.7	5636.4	.0	.0	.0	.0	.0	.0	.0
21	4.7	10365.5	.0	.0	.0	.0	.0	.0	.0
22	4.6	10766.6	.0	.0	.0	.0	.0	.0	.0
23	4.6	11049.8	.0	.0	.0	.0	.0	.0	.0
24	4.5	11217.5	.0	.0	.0	.0	.0	.0	.0
25	4.4	11272.6	.0	.0	.0	.0	.0	.0	.0
26	4.4	11218.6	.0	.0	.0	.0	.0	.0	.0
27	4.3	11059.3	.0	.0	.0	.0	.0	.0	.0
28	4.3	10799.1	.0	.0	.0	.0	.0	.0	.0
29	4.2	10443.0	.0	.0	.0	.0	.0	.0	.0
30	4.1	9996.4	.0	.0	.0	.0	.0	.0	.0
31	4.0	9464.9	.0	.0	.0	.0	.0	.0	.0
32	3.9	8855.1	.0	.0	.0	.0	.0	.0	.0
33	3.9	8173.3	.0	.0	.0	.0	.0	.0	.0
34	3.8	7426.7	.0	.0	.0	.0	.0	.0	.0
35	1.7	3133.1	.0	.0	.0	.0	.0	.0	.0
36	2.0	3435.7	.0	.0	.0	.0	.0	.0	.0
37	3.6	5398.2	.0	.0	.0	.0	.0	.0	.0
38	3.5	4174.5	.0	.0	.0	.0	.0	.0	.0
39	3.4	2945.6	.0	.0	.0	.0	.0	.0	.0
40	2.5	1430.7	.0	.0	.0	.0	.0	.0	.0
41	.8	280.4	.0	.0	.0	.0	.0	.0	.0
42	2.2	345.6	.0	.0	.0	.0	.0	.0	.0

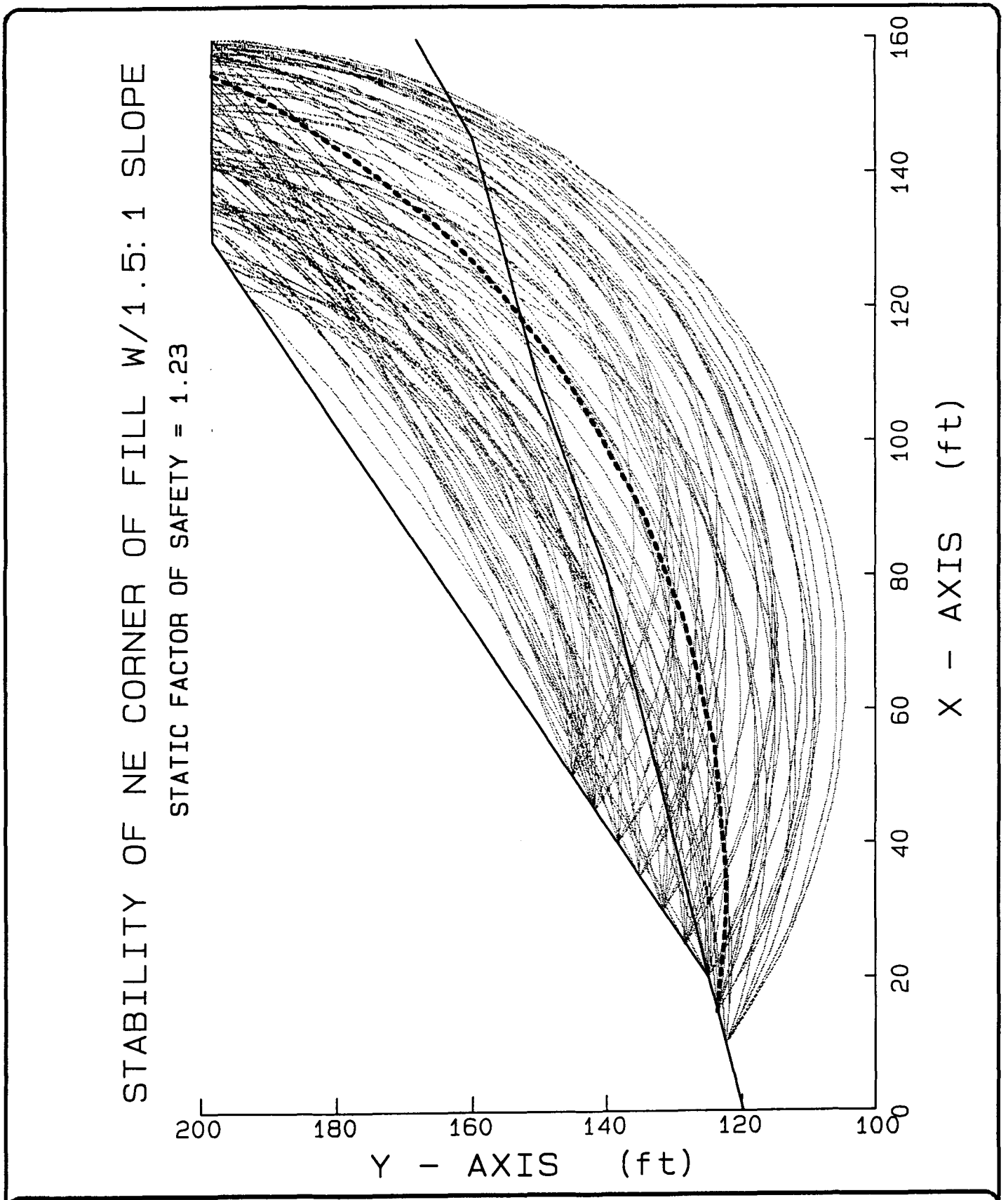
SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc6
Output Filename: uprc6.out
Plotted Output Filename: uprc6.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
STABILITY OF NE CORNER OF FILL: AS IS

BOUNDARY COORDINATES

3 Top Boundaries
7 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	120.00	20.00	125.00	1
2	20.00	125.00	130.00	198.00	2
3	130.00	198.00	160.00	198.00	2
4	20.00	125.00	80.00	140.00	1
5	80.00	140.00	108.00	150.00	1
6	108.00	150.00	145.00	160.00	1
7	145.00	160.00	160.00	168.00	1

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	140.0	140.0	500.0	20.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

90 Trial Surfaces Have Been Generated.

10 Surfaces Initiate From Each Of 9 Points Equally Spaced
Along The Ground Surface Between X = 10.00 ft.
and X = 50.00 ft.

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT	Terracon

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 35 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	15.00	123.75
2	19.97	123.19
3	24.95	122.80
4	29.95	122.60
5	34.95	122.59
6	39.95	122.76
7	44.93	123.11
8	49.91	123.64
9	54.85	124.36
10	59.77	125.25
11	64.66	126.33
12	69.50	127.58
13	74.29	129.02
14	79.02	130.62
15	83.69	132.40
16	88.30	134.35
17	92.83	136.47
18	97.28	138.75
19	101.64	141.19
20	105.91	143.80
21	110.08	146.55
22	114.15	149.46
23	118.11	152.52
24	121.95	155.71
25	125.67	159.05
26	129.27	162.52
27	132.74	166.12
28	136.07	169.85
29	139.27	173.70
30	142.32	177.66
31	145.23	181.73
32	147.98	185.90
33	150.58	190.17
34	153.02	194.54
35	154.79	198.00

Circle Center At X = 32.9 ; Y = 258.8 and Radius, 136.3

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

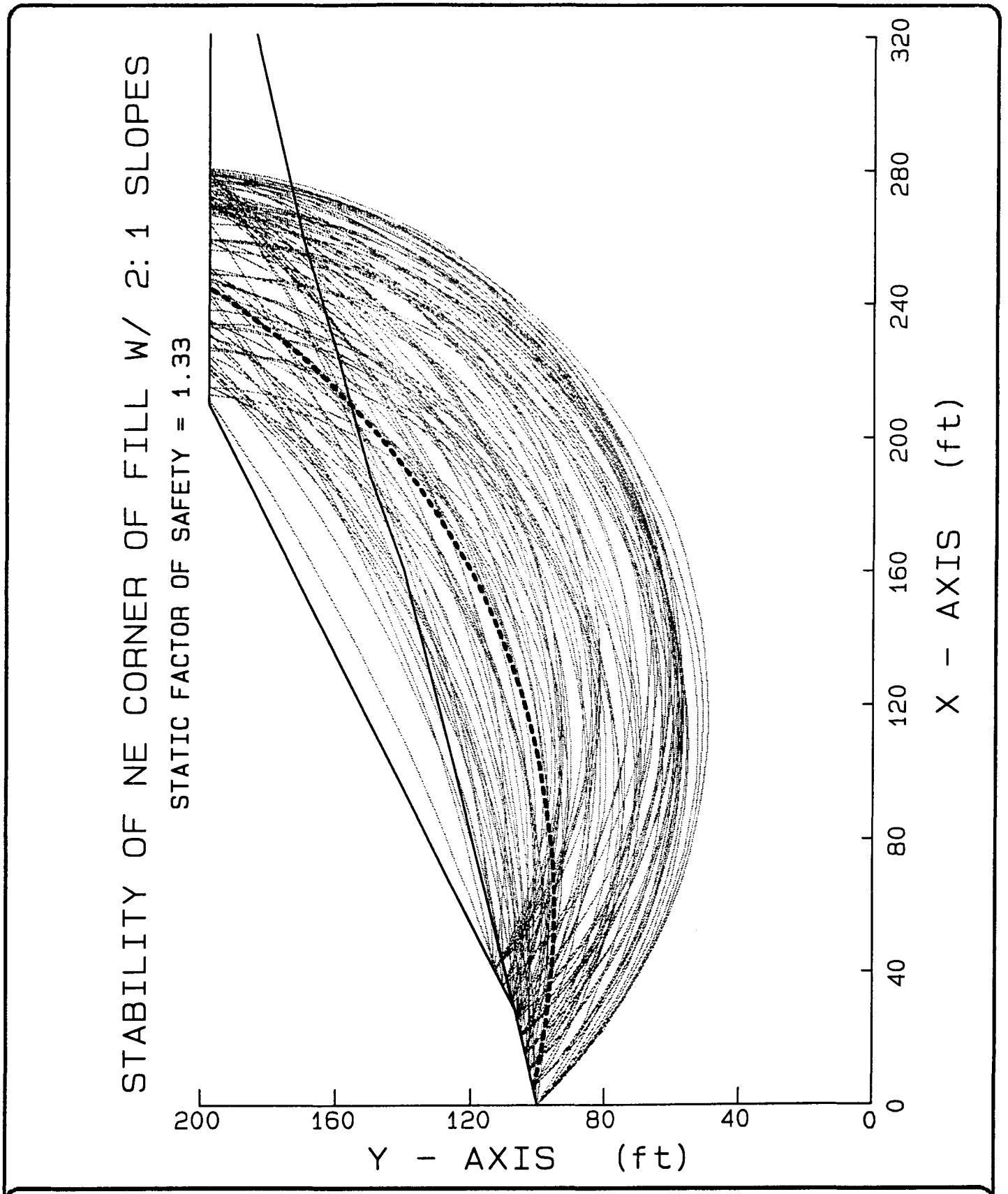
JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

*** 1.232 ***

Individual data on the 39 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	5.0	628.4	.0	.0	.0	.0	.0	.0	.0
2	.0	8.0	.0	.0	.0	.0	.0	.0	.0
3	5.0	2506.7	.0	.0	.0	.0	.0	.0	.0
4	5.0	4988.3	.0	.0	.0	.0	.0	.0	.0
5	5.0	7337.5	.0	.0	.0	.0	.0	.0	.0
6	5.0	9549.4	.0	.0	.0	.0	.0	.0	.0
7	5.0	11612.0	.0	.0	.0	.0	.0	.0	.0
8	5.0	13515.2	.0	.0	.0	.0	.0	.0	.0
9	4.9	15249.7	.0	.0	.0	.0	.0	.0	.0
10	4.9	16807.9	.0	.0	.0	.0	.0	.0	.0
11	4.9	18183.4	.0	.0	.0	.0	.0	.0	.0
12	4.8	19371.4	.0	.0	.0	.0	.0	.0	.0
13	4.8	20368.6	.0	.0	.0	.0	.0	.0	.0
14	4.7	21173.1	.0	.0	.0	.0	.0	.0	.0
15	1.0	4493.1	.0	.0	.0	.0	.0	.0	.0
16	3.7	17295.1	.0	.0	.0	.0	.0	.0	.0
17	4.6	22218.7	.0	.0	.0	.0	.0	.0	.0
18	4.5	22459.6	.0	.0	.0	.0	.0	.0	.0
19	4.4	22514.5	.0	.0	.0	.0	.0	.0	.0
20	4.4	22389.0	.0	.0	.0	.0	.0	.0	.0
21	4.3	22089.8	.0	.0	.0	.0	.0	.0	.0
22	2.1	10840.2	.0	.0	.0	.0	.0	.0	.0
23	2.1	10784.0	.0	.0	.0	.0	.0	.0	.0
24	4.1	20997.2	.0	.0	.0	.0	.0	.0	.0
25	4.0	20224.6	.0	.0	.0	.0	.0	.0	.0
26	.4	1947.2	.0	.0	.0	.0	.0	.0	.0
27	3.5	17388.9	.0	.0	.0	.0	.0	.0	.0
28	3.7	18352.0	.0	.0	.0	.0	.0	.0	.0
29	3.6	17262.6	.0	.0	.0	.0	.0	.0	.0
30	.7	3428.8	.0	.0	.0	.0	.0	.0	.0
31	2.7	12317.1	.0	.0	.0	.0	.0	.0	.0
32	3.3	13509.4	.0	.0	.0	.0	.0	.0	.0
33	3.2	11313.4	.0	.0	.0	.0	.0	.0	.0
34	3.1	9198.0	.0	.0	.0	.0	.0	.0	.0
35	2.9	7179.5	.0	.0	.0	.0	.0	.0	.0
36	2.8	5273.5	.0	.0	.0	.0	.0	.0	.0
37	2.6	3495.5	.0	.0	.0	.0	.0	.0	.0
38	2.4	1860.0	.0	.0	.0	.0	.0	.0	.0
39	1.8	414.7	.0	.0	.0	.0	.0	.0	.0



SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc7
Output Filename: uprc7.out
Plotted Output Filename: uprc7.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
STAB. OF NE CORNER OF FILL: 2:1 SLOPE

BOUNDARY COORDINATES

3 Top Boundaries
8 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	100.00	28.00	107.00	1
2	28.00	107.00	210.00	198.00	2
3	210.00	198.00	320.00	198.00	2
4	28.00	107.00	160.00	140.00	1
5	160.00	140.00	188.00	150.00	1
6	188.00	150.00	225.00	160.00	1
7	225.00	160.00	259.00	170.00	1
8	259.00	170.00	320.00	184.00	1

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	140.0	140.0	500.0	20.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

90 Trial Surfaces Have Been Generated.

10 Surfaces Initiate From Each Of 9 Points Equally Spaced
Along The Ground Surface Between X = .00 ft.

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT	Terracon

and X = 40.00 ft.

Each Surface Terminates Between X = 210.00 ft.
and X = 280.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

10.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 29 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	5.00	101.25
2	14.77	99.13
3	24.63	97.45
4	34.56	96.22
5	44.52	95.44
6	54.52	95.10
7	64.52	95.22
8	74.50	95.78
9	84.45	96.79
10	94.34	98.25
11	104.16	100.15
12	113.88	102.49
13	123.49	105.27
14	132.96	108.47
15	142.28	112.10
16	151.43	116.14
17	160.39	120.59
18	169.13	125.44
19	177.65	130.67
20	185.93	136.29
21	193.94	142.27
22	201.68	148.60
23	209.13	155.28
24	216.26	162.28
25	223.08	169.60
26	229.56	177.21
27	235.69	185.11
28	241.46	193.28
29	244.49	198.00

Circle Center At X = 57.0 ; Y = 317.5 and Radius, 222.4

*** 1.329 ***

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

Individual data on the 33 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	9.8	3120.7	.0	.0	.0	.0	.0	.0	.0
2	9.9	9153.8	.0	.0	.0	.0	.0	.0	.0
3	3.4	4400.8	.0	.0	.0	.0	.0	.0	.0
4	6.6	10995.2	.0	.0	.0	.0	.0	.0	.0
5	10.0	23498.4	.0	.0	.0	.0	.0	.0	.0
6	10.0	31200.1	.0	.0	.0	.0	.0	.0	.0
7	10.0	38243.2	.0	.0	.0	.0	.0	.0	.0
8	10.0	44570.0	.0	.0	.0	.0	.0	.0	.0
9	9.9	50131.7	.0	.0	.0	.0	.0	.0	.0
10	9.9	54889.4	.0	.0	.0	.0	.0	.0	.0
11	9.8	58813.9	.0	.0	.0	.0	.0	.0	.0
12	9.7	61886.0	.0	.0	.0	.0	.0	.0	.0
13	9.6	64096.7	.0	.0	.0	.0	.0	.0	.0
14	9.5	65447.3	.0	.0	.0	.0	.0	.0	.0
15	9.3	65949.4	.0	.0	.0	.0	.0	.0	.0
16	9.1	65624.5	.0	.0	.0	.0	.0	.0	.0
17	8.6	61727.1	.0	.0	.0	.0	.0	.0	.0
18	.4	2776.7	.0	.0	.0	.0	.0	.0	.0
19	8.7	62650.6	.0	.0	.0	.0	.0	.0	.0
20	8.5	60109.1	.0	.0	.0	.0	.0	.0	.0
21	8.3	56918.1	.0	.0	.0	.0	.0	.0	.0
22	2.1	13955.5	.0	.0	.0	.0	.0	.0	.0
23	5.9	39180.7	.0	.0	.0	.0	.0	.0	.0
24	7.7	48827.7	.0	.0	.0	.0	.0	.0	.0
25	7.4	44093.0	.0	.0	.0	.0	.0	.0	.0
26	.6	3477.6	.0	.0	.0	.0	.0	.0	.0
27	.3	1483.2	.0	.0	.0	.0	.0	.0	.0
28	6.3	32810.3	.0	.0	.0	.0	.0	.0	.0
29	6.8	29502.2	.0	.0	.0	.0	.0	.0	.0
30	6.5	21516.5	.0	.0	.0	.0	.0	.0	.0
31	6.1	13936.4	.0	.0	.0	.0	.0	.0	.0
32	5.8	6857.4	.0	.0	.0	.0	.0	.0	.0
33	3.0	964.0	.0	.0	.0	.0	.0	.0	.0

SLOPE STABILITY DATA

UPRC Drill Pad Under Construction

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: November 1994	BY: WGT

Terracon

Facsimile Sheet

Date: 12/7/94

To: Frank Mathews

Office/Company: State of Utah O.I. Gas + Mines

Facsimile Number: 359-3940

From: Bill Turner

Office/Company: Terracon Consultants Western, Inc
92 West 3900 South, Suite 100
Salt Lake City, Utah 84107

Facsimile Number: (801) 266-2191

Subject: [redacted]

Number of Pages 44 (including this sheet)

Comments: As requested by Bobby Loo, of Union Pacific Resources

If transmission is poor, please call (801) 266-2100

Mission Statement

The mission of Terracon is to be a leader in the fields of geotechnical, environmental and materials engineering by:

- Providing diverse, technologically progressive and cost-effective services that are responsive to our clients' needs;
- Maintaining a standard of high quality in the services we provide;
- Challenging our employees with professional opportunities while rewarding individual performance and teamwork;
- Sustaining a viable practice as a growth-oriented, employee-owned firm

Terracon

Geotechnical, Environmental and Materials Engineers

Facsimile Sheet

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Office/Company: State of Utah

Facsimile Number: 359-3940

Bill Turner

Office/Company: Terracon Consultants Western
92 West 3900 South, Suite
Salt Lake City, Utah 8410

Facsimile Number: (801) 266-2191

Subject: ~~Draft Part 2 7-44~~ Report

Number of Pages 44 including this

Comments: As requested by
of Union Pacific Resources

REPORT OF SUPPLEMENTAL SUBSURFACE SOILS EXPLORATION

PREPARED FOR:

UNION PACIFIC RESOURCES
FORT WORTH, TEXAS

DRILL PAD 27-1H
BLONQUIST PEAK AREA
SUMMIT COUNTY, UTAH

PREPARED BY:
TERRACON CONSULTANTS WESTERN, INC.
CONSULTING GEOTECHNICAL ENGINEERS
SALT LAKE CITY, UTAH

DECEMBER 1994

PROJECT NO. 61945062

December 6, 1994

Union Pacific Resources
P.O. Box 7 MS3605
Fort Worth, Texas 76101

Attn: Mr. Bill Charles

Subject: Report of Supplemental Subsurface Soils Exploration
Drill Pad 27-1H
Blonquist Peak Area
Summit County, Utah
Terracon Project No. 61945062

Gentlemen:

We have performed a supplemental subsurface soils exploration for Drill Pad 27-1H located just east of Blonquist Peak in Summit County, Utah. The accompanying geotechnical report presents the findings of the subsurface exploration and geotechnical recommendations concerning stability of the drill pad.

We appreciate the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we may be of further service to you in any way, please contact us at your convenience.

Respectfully submitted,

TERRACON CONSULTANTS WESTERN, INC.

William G. Turner, P.E.
Geotechnical Engineer

Curt Christensen, P.E.
Utah Operations Manager

In triplicate

TABLE OF CONTENTS

SUBSURFACE SOILS EXPLORATION REPORT

Drill Pad 27-1H
Near Blonquist Peak
Summit County, Utah

INTRODUCTION

This report presents the results of a supplemental subsurface soils exploration for drill Pad 27-1H located just east of Blonquist Peak in Summit County, Utah. This report supplements our "Report of Subsurface Soils Exploration, Drill Pad Under Construction, Blonquist Peak Area, Summit County, Utah," dated November 10, 1994. Four additional borings were drilled to depths of 30.5 to 39.5 feet below the existing ground surface. The Boring Location Drawing is attached, and the boring logs are included in the Appendix.

The purpose of this report is to describe the subsurface conditions encountered in the borings, analyze and evaluate the test data, and provide additional geotechnical recommendations regarding stability of the drill pad.

PROPOSED CONSTRUCTION

The proposed construction and observations of the failed cut slope were presented in the referenced report. Briefly, we understand that a drill pad was constructed measuring approximately 400 feet by 300 feet in plan by cutting into an existing slope and filling on the downhill side. The fill slope is graded at about 1.5H to 1V (horizontal to vertical, with 5 foot wide terraces at vertical spacings of approximately 25 feet. A lined reserve pit for holding drill cuttings, measuring about 105 feet wide by 190 feet long by 10 feet deep (below the adjacent pad elevation), will be located in the southwest corner of the pad. The information you provided indicates that the drill rig will be placed on skid platforms with a maximum mat size for the skids of about 1690 square feet. The maximum load for the rig is approximately 9.4 psi.

If the information or proposed construction varies significantly from that described above, we should be notified immediately so that the applicability of the recommendations presented herein can be re-evaluated.

SUBSURFACE EXPLORATION PROCEDURES

The locations of the borings were selected by Union Pacific Resources personnel, and were field located by measuring from existing features. Boring elevations were estimated to be at about elevation 7798 feet, which is the drill pad elevation given on the site drawing you provided. The locations and elevations of the borings should be considered accurate only to the degree implied by the methods and means used to define them.

One boring (B-5) was drilled with a large truck-mounted rotary drill rig. The boring was first advanced using air coring procedures with an HX-size synthetic bit, and then using water coring procedures with a P-size diamond bit. Except for the bottom 8 feet, this method was generally unsuccessful in retrieving intact core samples.

The other three borings (B-2, B-3 and B-4) were drilled using a truck-mounted rotary drill rig. Continuous flight hollow stem augers were used to advance the borings. Disturbed samples were obtained at various depths primarily using a 2-inch outside diameter (O.D.) split barrel sampler driven as described for the Standard Penetration Test (SPT) in ASTM specification D1586. The result of the SPT is a blow count (N-value). The N-value is the number of blows from a 140-pound hammer free falling a height of 30 inches required to drive the split spoon sampler the last 12 inches (or the distance indicated) of a typical 18-inch distance. The N value provides a reasonable indication of the in-place density of sandy type materials, but only provides an indication of the relative stiffness of cohesive materials since the blow count in these soils is a function of the moisture content. In addition, considerable care must be exercised in interpreting the N values in gravelly soils, particularly where the size of the gravel particle exceeds the inside diameter of the sampler.

A few relatively undisturbed samples were obtained by hydraulically pushing a 2.5-inch O.D. split spoon sampler and a 3-inch O.D. thin-wall tube sampler into subsurface soils, similar to that described in ASTM specfication D1587. Samples were placed in sealed containers, sealable bags, or core boxes for transportation to the laboratory. The core samples were measured to obtain percent recovery and Rock Quality Designation (RQD) values. Sampling intervals and depths, N-values, material descriptions, consistency evaluations, percent recovery and RQD values are shown on the boring logs included in the Appendix.

LABORATORY TESTING AND CLASSIFICATION

Soil samples obtained during the field exploration were taken to the laboratory where they were classified based on visual observation, texture, and plasticity in accordance with ASTM D2488, which is based on the Unified Soil Classification System. The description of the soils and the estimated group symbols indicated on the boring logs are given in general accordance with the enclosed General Notes and the Unified Soil Classification System. A brief description of this classification system is included after the boring logs in the Appendix.

Representative samples were selected for testing to determine the engineering and physical properties of the soil in general accordance with ASTM, or other approved procedures.

Tests Conducted	Brief Description
Natural Moisture Content	Moisture content representative of field conditions at the time samples were taken.
Natural Dry Density	Dry unit weight of sample representative of in-situ, undisturbed condition.
Direct Shear	Soil shearing strength under varying load and/or moisture conditions. For use in foundation and below-grade wall design and slope stability evaluation.

Results of the laboratory tests are summarized on the figures and Table 1 included in the Appendix. These data, along with the field information, were used to prepare the exploratory boring logs included therein.

SUBSURFACE CONDITIONS

Conditions encountered at the boring locations are indicated on the individual boring logs. Stratification boundaries shown on the boring logs represent the approximate location of changes in material types. In-situ the transitions between materials may be gradual.

Based on the results of the borings, subsurface conditions at the site may be generally described as clay overlying claystone bedrock. These materials may be generally described as follows:

Clay: Lean clay (CL), often containing sand and gravel, was encountered to depths of about 9 to 22 feet below the existing ground surface. The clay is possibly weathered claystone material, as evidenced by a very stiff to hard consistency with N-values ranging from 28 to 58 blows per foot. The natural moisture content ranges from 9 to 24 percent, and the natural dry density is about 99 pounds per cubic foot (pcf). A direct shear test of these materials (performed using a relatively undisturbed sample) indicated an internal friction angle of 6 degrees with an apparent cohesion of 930 pounds per square foot (psf).

Claystone: Claystone bedrock was encountered in all four borings at depths of 9 to 22 feet below the existing ground surface. The claystone is moderately hard with N-values generally greater than 100 blows per foot. The natural moisture content ranges from 6 to 12 percent.

Free Water Level: At the time of our investigation, free water was not observed in any of the borings. It should be recognized that fluctuations of the free water table may occur due to seasonal variations and the amount of rainfall, runoff, and other factors not evident at the time the boring was drilled. The evaluation of these factors is beyond the scope of this report.

ENGINEERING ANALYSIS

The stability analyses described below were performed using the computer program PCSTABL5M, which uses a limit equilibrium method for calculating factors of safety against sliding on an assumed failure surface. Based on user input, PCSTABL5M evaluates numerous potential failure surfaces, with the most critical failure surface identified as the one yielding the lowest factor of safety of those evaluated. The analyses data are included in the Appendix.

Based on the results of our laboratory tests, the existing cut slope that failed was re-analyzed to backcalculate residual strength values for the materials along the failure plane. An in-place unit weight of 120 pcf was used in the analysis. Assuming a factor of safety (FS) of about 1.0, assuming the slide is arcuate in shape (block wedges were analyzed but resulted in higher strength values than arcuate surfaces), and using a critical failure surface as described above, we selected a backcalculated internal friction angle of 6 degrees and 550 psf for the clay soils. These strength values were then used to determine what procedures would be required to repair the slide.

The results of our analysis indicate the configuration given in the referenced report remain valid That is, a FS of at least 1.25 can be obtained by cutting the affected slope at a 1.75H to 1V gradient, or flatter, and by constructing a 15-foot high berm with a crest width of approximately 10 feet against the toe of the cut slope. We also analyzed placing the reserve pit at least 20 feet from the toe of the berm. The results of that analysis obtained a minimum FS of 1.3 when the pit is empty. A higher FS is anticipated when the pit is full.

With the additional subsurface information obtained for this report, we re-analyzed the stability of the fill pad placed over natural materials. The fill has been placed at 1.5H to 1V slopes with 5-foot wide benches spaced vertically at approximate 25-foot intervals. It is about 70 feet high from toe to top at the northeast corner of the pad. Based on the results of our current and previous field explorations and laboratory test results, as well as our experience with similar materials, the stability of the fill pad was analyzed using the following parameters:

Material	Internal Friction Angle *(°)*	Apparent Cohesion *(psf)*	Unit Weight *(pcf)*
Embankment Fill	23	500	125
Clay	6	900	120
Claystone	10	1200	140

Our analysis for the drill rig included placing a uniform load of 3000 psf over a 40-foot wide area to represent the load imparted to the ground. A safety factor of about 2 was

applied to the loads presented above in the "Proposed Construction" section. The results of our analyses are presented below:

Condition Analyzed	Factor of Safety
Highest Fill Slope, As Is	1.20
Highest Fill Slope, with 2:1 side slopes	1.22
Beneath Drill Rig Location	1.41*

*This FS of 1.41 was obtained using a wedge failure plane. Note that wedge failure planes were checked for the other two conditions, but higher FS values were obtained than when arcuate failure surfaces were used.

Note that our analysis assumes that the fill and natural materials do not become saturated. Thus, appropriate drainage directed away from the drill pad will be very important to maintain the FS values given above. This would include ensuring that the reserve pit for the drill cuttings is properly lined and that no holes be allowed in the liner.

CONCLUSIONS/RECOMMENDATIONS

The conclusions and recommendations presented in the referenced report basically remain valid, except for minor changes and additions as presented below:

1. The existing cut slope which failed should be graded at 1.75 Horizontal to 1 Vertical, or flatter. To minimize additional movement of the failed area, we recommend removing material first from near the central portion of the failed area. Any additional weight at the very top of the failed area would likely cause additional movement. A brow ditch to drain water away from the slope face should be constructed along the top of the cut slope.

2. A berm should be constructed at the toe of the failed area, measuring about 15 feet high by at least 10 feet wide at the crest. The berm slope should be graded to at least a 1.5H to 1V gradient.

3. The top of the reserve pit should be located at least 20 feet from the toe of the berm. The slope of the pit closest to the berm should be excavated at a 1.5H to 1V slope,

or flatter. The pit should be lined so that water does not percolate downward beneath the fill.

4. The fill slope should be stable as constructed, using 1.5H to 1V slopes and 5-foot wide terraces (benches) spaced vertically about every 25 feet. A small berm should be constructed at the top of the fill slope so that water does not flow from the pad over the slope face.

5. The drill pad should be graded and sloped toward appropriate drainage devices so that water does not pond anywhere on the pad. Drainage should be discharged at least 10 feet away from the pad and cut or fill slopes in such a manner that water is not directed toward the drill pad.

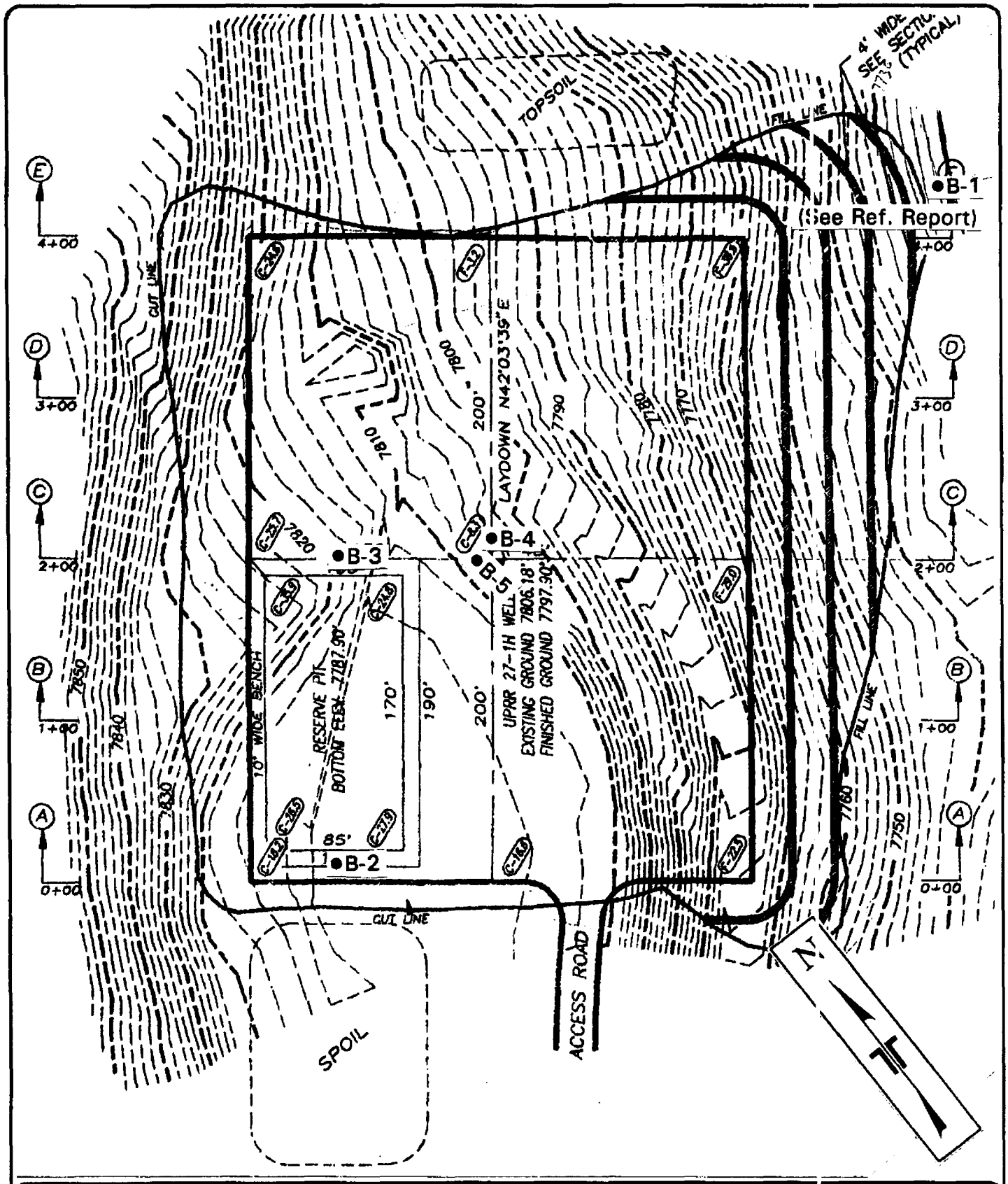
GENERAL COMMENTS

The analysis and recommendations presented in this report are based upon the data obtained from the borings drilled at the indicated locations. This report does not reflect variations which may occur at other areas or across the site. The nature and extent of such variations may not become evident until construction. If variations appear evident it will be necessary to reevaluate the recommendations of this report.

It is recommended that the geotechnical engineer be retained to review the plans and specifications so that comments can be provided regarding the interpretation and implementation of our geotechnical recommendations in the design and specifications. It is further recommended that the geotechnical engineer be retained for testing and observation during earthwork and foundation construction phases to help determine that the design requirements are fulfilled.

This report has been prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are provided. In the event that any changes in the nature, design or location of the project as outlined in this report are planned, the recommendations contained in this report shall not be considered valid

unless the changes are reviewed and the conclusions of this report modified or verified in writing by the geotechnical engineer.



BORING LOCATION DRAWING

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

APPENDIX

LOGS OF EXPLORATORY BORINGS
GENERAL NOTES
UNIFIED CLASSIFICATION SYSTEM
LABORATORY TEST RESULTS - FIGURES AND TABLE 1
SLOPE STABILITY DATA

LOG OF BORING NO. B-2

OWNER: Union Pacific Resources

ARCHITECT/ENGINEER:

SITE: Near Blonquist Peak, Summit County, Utah

PROJECT: Drill Pad 27-H

Approx. Surface Elev.: 7798.0 ft.

Location: S. end of pit at center

GRAPHIC LOG	DESCRIPTION	DEPTH (FT.)	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY	SAMPLES SPT - N BLOWS / FT.	TESTS MOISTURE, %	TESTS DRY DENSITY PCF	TESTS UNCONFINED STRENGTH PSF
	Lean Clay with sand (CL): hard, moist, reddish brown, probably weathered claystone		CL	1	SS	1.2	44			
		5	CL	2	SS	1.3	39	14		
			CL	3	ST	0.5	Push	11		
		10	CL	4	SPT	0.7	27 50/3"			
	14.0 7784.0		CL	5	SS	0.5	34 50/3"	24	99	
	Claystone: moderately hard, slightly moist, reddish brown, some occasional interbedded limestone and sandstone -fractured limestone from 16 to 16.5 feet -fossil in sample at 20 feet	15		6	SS	0.6	20 50/5"			
		20		7	SS	0.5	27 50/2"	12		
		25		8	SS	0.2	50/6"			
	30.5 7767.5	30		9	SS	0.3	50/6"	6		
	Bottom of Boring at 30.5 feet									

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS		
WL	NR	
WL		
WL		

Terracon

BORING STARTED	11-22-94		
BORING COMPLETED	11-22-94		
RIG	B-80	FOREMAN	CS
APPROVED	WGT	JOB #	61945062

LOG OF BORING NO. B-3

OWNER: Union Pacific Resources	ARCHITECT/ENGINEER:
SITE: Near Blonquist Peak, Summit County, Utah	PROJECT: Drill Pad 27-H

Approx. Surface Elev.: 7798.0 ft.

Location: N end of pit at center

GRAPHIC LOG	DESCRIPTION	DEPTH (FT.)	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY	SAMPLES SPT - N BLOWS / FT.	TESTS MOISTURE, %	TESTS DRY DENSITY PCF	TESTS UNCONFINED STRENGTH PSF
	Lean Clay with sand (CL): hard, moist, reddish brown, probably weathered claystone	5	CL	1	SS	1.2	28			
	9.0 7789.0									
	Claystone: moderately hard, slightly moist, reddish brown, some occasional interbedded limestone and sandstone	10		2	SS	0.3	60/6"	12		
		15		3	SS	0.3	50/6"	11		
		20		4	SS	NR	50/2"			
		25		5	SS	0.3	60/6"			
	30.5 7767.5	30		6	SS	0.2	90/6"	9		
	Bottom of Boring at 30.5 feet									

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS		
WL	NR	
WL		
WL		

Terracon

BORING STARTED	11-22-94		
BORING COMPLETED	11-23-94		
RIG	B-80	FOREMAN	CS
APPROVED	WGT	JOB #	61945062

LOG OF BORING NO. B-5

OWNER: Union Pacific Resources	ARCHITECT/ENGINEER:
SITE: Near Blonquist Peak, Summit County, Utah	PROJECT: Drill Pad 27-D1

Approx. Surface Elev.: 7798.0 ft.

Location:

GRAPHIC LOG	DESCRIPTION	DEPTH (FT.)	USCS SYMBOL	SAMPLES NUMBER	SAMPLES TYPE	SAMPLES RECOVERY	SAMPLES SPT - N / BLOWS / FT.	TESTS MOISTURE, %	TESTS DRY DENSITY PCF	TESTS UNCONFINED STRENGTH PSF
	Lean Clay (CL): hard, moist, brown		CL	1	HX	60%	RQD= 0%			
	5.0 7793.0		CL	2	HX	8%	RQD= 6%			
	Lean Clay with sand (CL): hard, moist, reddish brown, some gravel and cobbles, possibly weathered bedrock	5								
		10	CL	3	HX	15%	RQD= 6%			
		15	CL	4	P	17%	RQD= 0%			
	21.0 7777.0	20								
	Claystone: moderately hard, slightly moist, reddish brown			5	P	NR	N/A			
		25								
		30		6	P	20%	RQD= 0%			
				7	P	80%	RQD= 63%			
		35		8	P	100%	RQD= 96%			
	39.5 7758.5									

Continued Next Page

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

WATER LEVEL OBSERVATIONS		
WL	▽ NR	▼
WL		
WL		

Terracon

BORING STARTED	11-15-94		
BORING COMPLETED	11-18-94		
RIG	D 352	FOREMAN	WGT
APPROVED	WGT	JOB #	61945062

LOG OF BORING NO. B-5

OWNER: Union Pacific Resources	ARCHITECT/ENGINEER:
SITE: Near Blonquist Peak, Summit County, Utah	PROJECT: Drill Pad 27-D1

GRAPHIC LOG	DESCRIPTION	DEPTH (FT.)	USCS SYMBOL	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: RECOVERY	SAMPLES: SPT - N BLOWS / FT.	TESTS: MOISTURE, %	TESTS: DRY DENSITY PCF	TESTS: UNCONFINED STRENGTH PSF
	Bottom of Boring at 39.5 feet									

THE STRATIFICATION LINES REPRESENT THE APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: IN-SITU, THE TRANSITION MAY BE GRADUAL.

Calibrated Hand Penetrometer*

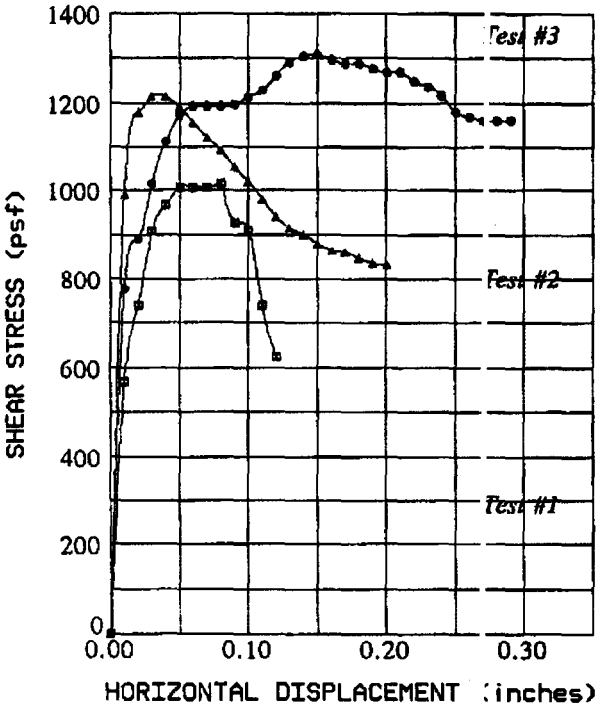
WATER LEVEL OBSERVATIONS		
WL	▽ NR	▽
WL		
WL		

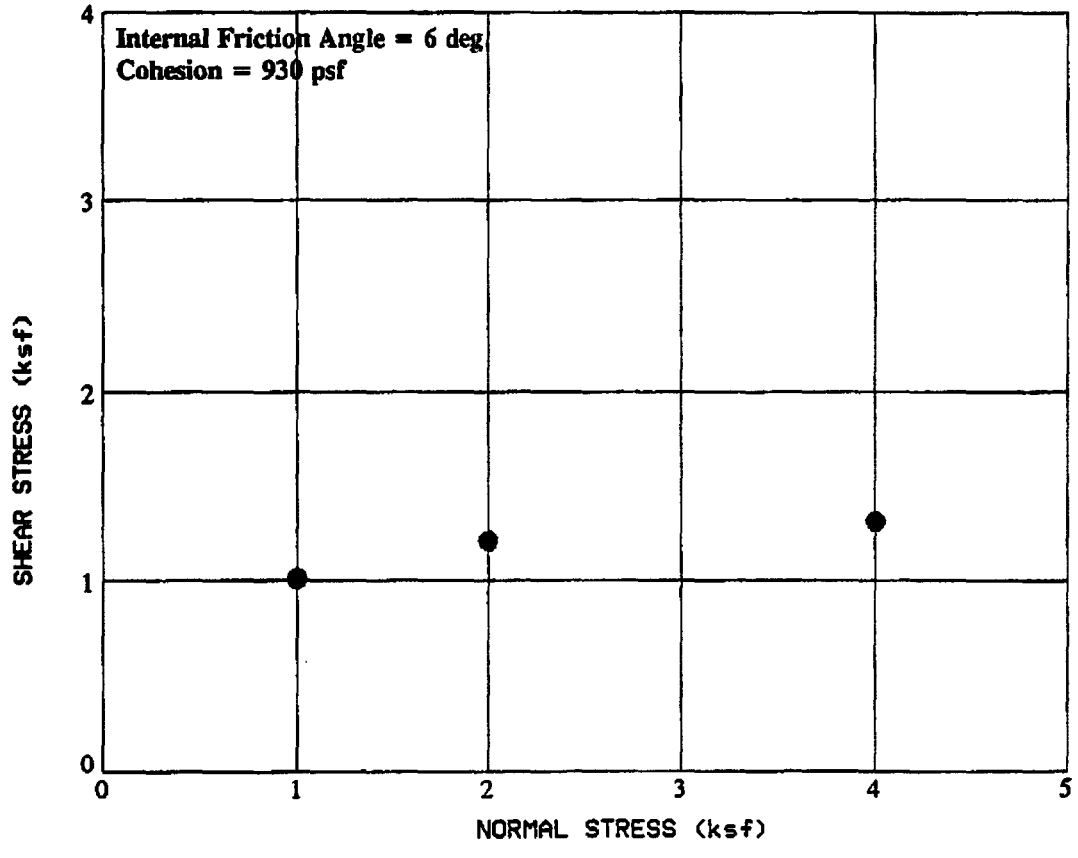
Terracon

BORING STARTED	11-15-94		
BORING COMPLETED	11-18-94		
RIG	D 352	FOREMAN	WGT
APPROVED	WGT	JOB #	61945062

SAMPLE LOCATION: B-2 @ 12.5

Test Number	1	2	3
Height (inches)	1.15	1.15	1.15
Diameter (inches)	1.93	1.93	1.93
Initial Water Content (%)	24.1	22.6	25.3
Initial Dry Density (pcf)	107.8	89.4	98.3
Consolidation Load (ksf)			
Normal Load (ksf)	1.000	2.000	4.000
Shear Stress (ksf)	1.010	1.210	1.310
Type of Specimen	Undisturbed		
Soil Description	Lean Clay with sand CL		
Type of Test	Unconsol. Undrained		





PROJECT Drill Pad 27-IH - Near Blonquist PeakSummit
County, Utah

JOB NO. 6194062
DATE 12/6/94

DIRECT SHEAR TEST
Terracon Consultants, Inc.
Salt Lake City, Utah

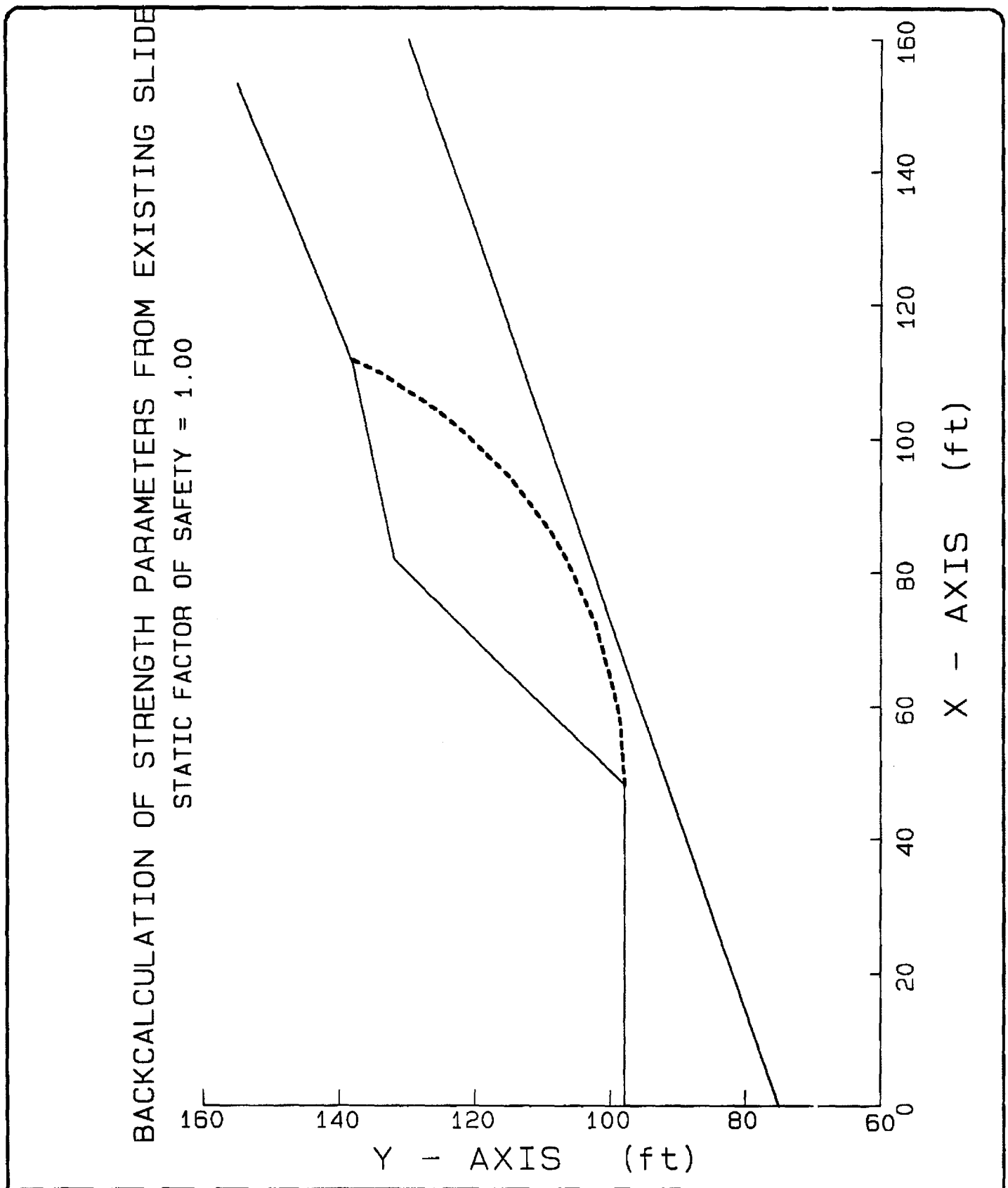
Table 1

SUMMARY OF LABORATORY TEST RESULTS

Drill Pad 27-1H, Near Blonquist Peak - Summit County, Utah

Project No. 61945062

SAMPLE LOCATION		NATURAL MOISTURE CONTENT (%)	NATURAL DRY DENSITY (PCF)	GRADATION			ATTERBERG LIMITS		INTERNAL FRICTION ANGLE (°) & COHESION (PSF)	UNIFIED SOIL CLASSIFICATION
BORING NO.	DEPTH (FEET)			GRAVEL (%)	SAND (%)	SILT and CLAY (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)		
B-2	5-6.5	14								Lean Clay with sand (CL)
	9.5-10	11								Lean Clay with sand (CL)
	12.5-13	24	99						6° & 930 psf	Lean Clay with sand (CL)
	20-20.5	12								Claystone
	30-30.5	6								Claystone
B-3	10-10.5	12								Claystone
	15-15.5	11								Claystone
	30-30.5	9								Claystone
B-4	5-6.5	13								Lean Clay with sand (CL)
	15-16.5	9								Lean Clay with sand (CL)
	20-21.5	16								Lean Clay with sand (CL)
	34-35	10								Claystone



SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc2
Output Filename: uprc2.out
Plotted Output Filename: uprc2.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
BACKCALCULATE SOIL STRENGTH

BOUNDARY COORDINATES

4 Top Boundaries
5 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	98.00	48.00	98.00	1
2	48.00	98.00	82.00	132.00	1
3	82.00	132.00	111.00	138.00	1
4	111.00	138.00	153.00	155.00	1
5	.00	75.00	160.00	130.00	2

ISOTROPIC SOIL PARAMETERS

2 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	120.0	120.0	550.0	6.0	.00	.0	1
2	140.0	140.0	1200.0	10.0	.00	.0	1

Trial Failure Surface Specified By 17 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	48.00	98.00
2	53.00	98.17
3	57.97	98.68
4	62.89	99.55
5	67.75	100.77
6	72.50	102.32

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

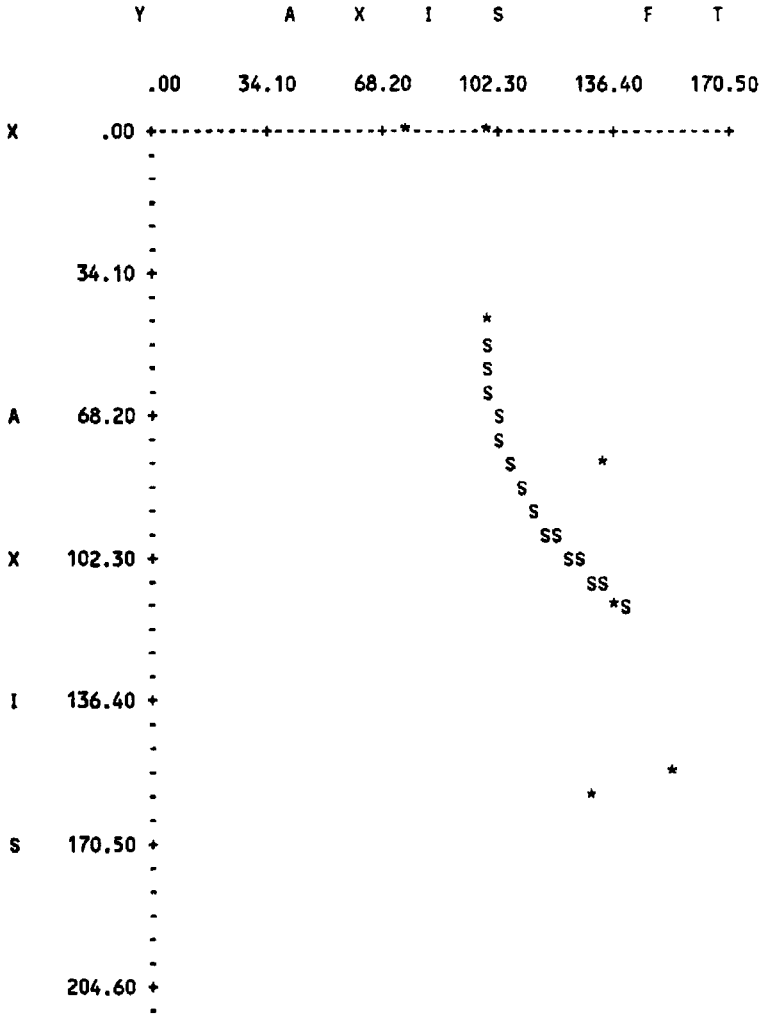
Terracon

7	77.13	104.21
8	81.61	106.42
9	85.93	108.94
10	90.06	111.76
11	93.98	114.87
12	97.66	118.24
13	101.10	121.87
14	104.28	125.73
15	107.17	129.81
16	109.77	134.08
17	111.99	138.40

Circle Center At X = 48.2 ; Y = 168.6 and Radius, 70.6

Factor Of Safety For The Preceding Specified Surface = .999

WARNING - Factor Of Safety Is Calculated By The Modified Bishop Method. This Method Is Valid Only If The Failure Surface Approximates A Circle.

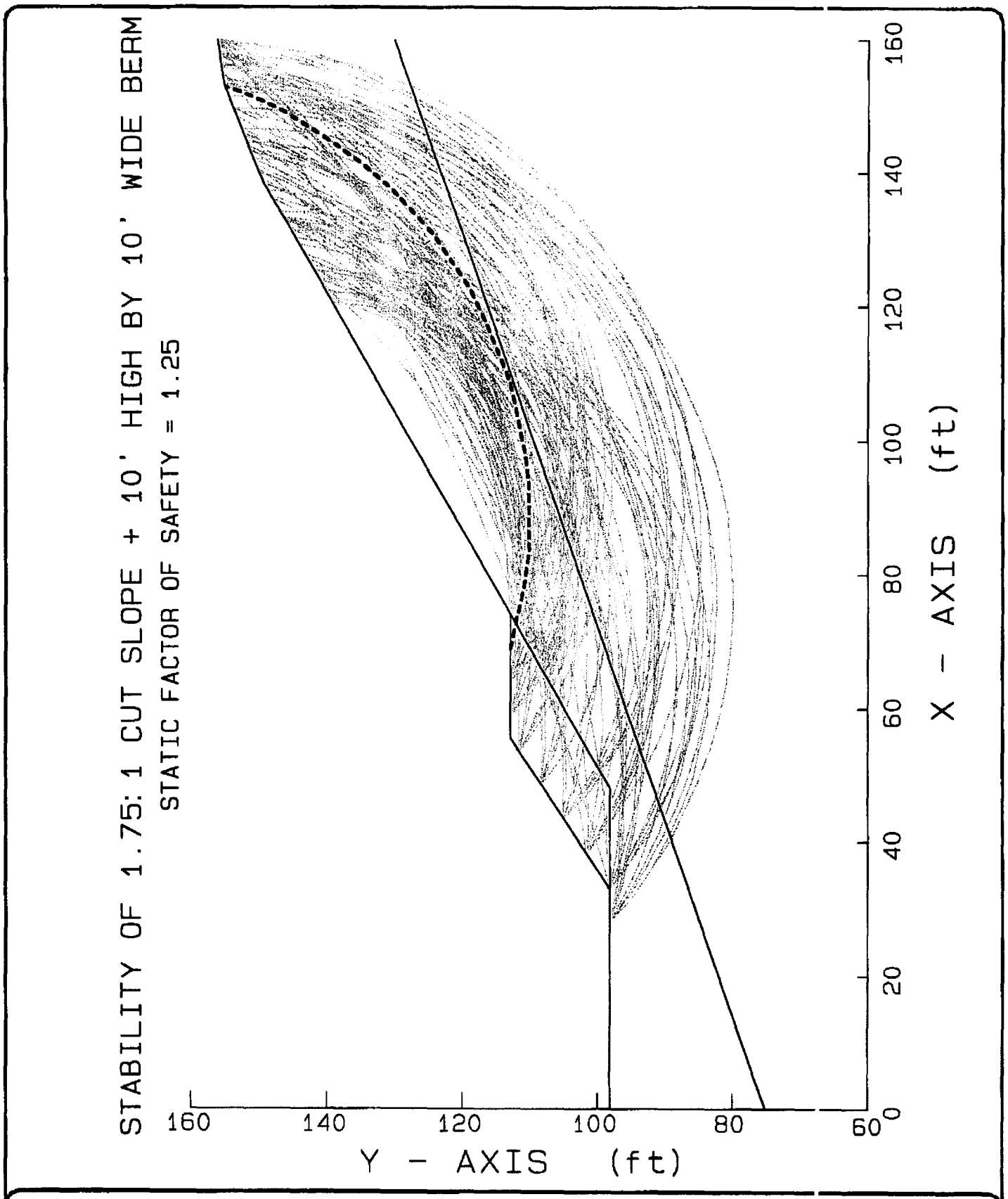


SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc4
Output Filename: uprc4.out
Plotted Output Filename: uprc4.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
1.75:1 CUT SLOPE+15' HIGH BERM AT TOE

BOUNDARY COORDINATES

6 Top Boundaries
9 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	98.00	33.00	98.00	1
2	33.00	98.00	55.50	113.00	2
3	55.50	113.00	74.00	113.00	2
4	74.00	113.00	138.00	149.40	1
5	138.00	149.40	153.00	155.00	1
6	153.00	155.00	160.00	156.00	1
7	33.00	98.00	48.00	98.00	1
8	48.00	98.00	74.00	113.00	1
9	.00	75.00	160.00	130.00	3

ISOTROPIC SOIL PARAMETERS

3 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	120.0	120.0	550.0	6.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1
3	120.0	120.0	900.0	6.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

100 Trial Surfaces Have Been Generated.

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

10 Surfaces Initiate From Each Of 10 Points Equally Spaced
Along The Ground Surface Between X = 28.00 ft.
and X = 74.00 ft.

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 22 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	68.89	113.00
2	73.73	111.74
3	78.64	110.83
4	83.62	110.29
5	88.61	110.11
6	93.61	110.29
7	98.58	110.84
8	103.50	111.75
9	108.33	113.01
10	113.06	114.63
11	117.67	116.58
12	122.11	118.87
13	126.38	121.47
14	130.45	124.38
15	134.29	127.58
16	137.90	131.05
17	141.23	134.77
18	144.29	138.72
19	147.05	142.89
20	149.51	147.25
21	151.63	151.77
22	152.85	154.94

Circle Center At X = 88.6 ; Y = 178.6 and Radius, 68.5

*** 1.247 ***

Individual data on the 24 slices

Slice	Width	Weight	Water Force Top	Water Force Bot	Tie Force Norm	Tie Force Tan	Earthquake Force Hor	Earthquake Force Ver	Surcharge Load

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

No.	Ft(m)	Lbs(kg)	Lbs(kg)	Lbs(kg)	Lbs(kg)	Lbs(kg)	Lbs(kg)	Lbs(kg)	Lbs(kg)
1	3.5	218.1	.0	.0	.0	.0	.0	.0	.0
2	1.3	183.0	.0	.0	.0	.0	.0	.0	.0
3	.3	42.4	.0	.0	.0	.0	.0	.0	.0
4	4.6	1705.8	.0	.0	.0	.0	.0	.0	.0
5	5.0	3873.6	.0	.0	.0	.0	.0	.0	.0
6	5.0	5811.1	.0	.0	.0	.0	.0	.0	.0
7	5.0	7513.9	.0	.0	.0	.0	.0	.0	.0
8	5.0	8945.7	.0	.0	.0	.0	.0	.0	.0
9	4.9	10079.0	.0	.0	.0	.0	.0	.0	.0
10	4.8	10895.5	.0	.0	.0	.0	.0	.0	.0
11	4.7	11386.6	.0	.0	.0	.0	.0	.0	.0
12	4.6	11553.4	.0	.0	.0	.0	.0	.0	.0
13	4.4	11406.5	.0	.0	.0	.0	.0	.0	.0
14	4.3	10966.2	.0	.0	.0	.0	.0	.0	.0
15	4.1	10261.3	.0	.0	.0	.0	.0	.0	.0
16	3.8	9328.9	.0	.0	.0	.0	.0	.0	.0
17	3.6	8213.3	.0	.0	.0	.0	.0	.0	.0
18	.1	228.6	.0	.0	.0	.0	.0	.0	.0
19	3.2	6613.6	.0	.0	.0	.0	.0	.0	.0
20	3.1	5297.5	.0	.0	.0	.0	.0	.0	.0
21	2.8	3797.7	.0	.0	.0	.0	.0	.0	.0
22	2.5	2402.2	.0	.0	.0	.0	.0	.0	.0
23	2.1	1168.9	.0	.0	.0	.0	.0	.0	.0
24	1.2	198.1	.0	.0	.0	.0	.0	.0	.0

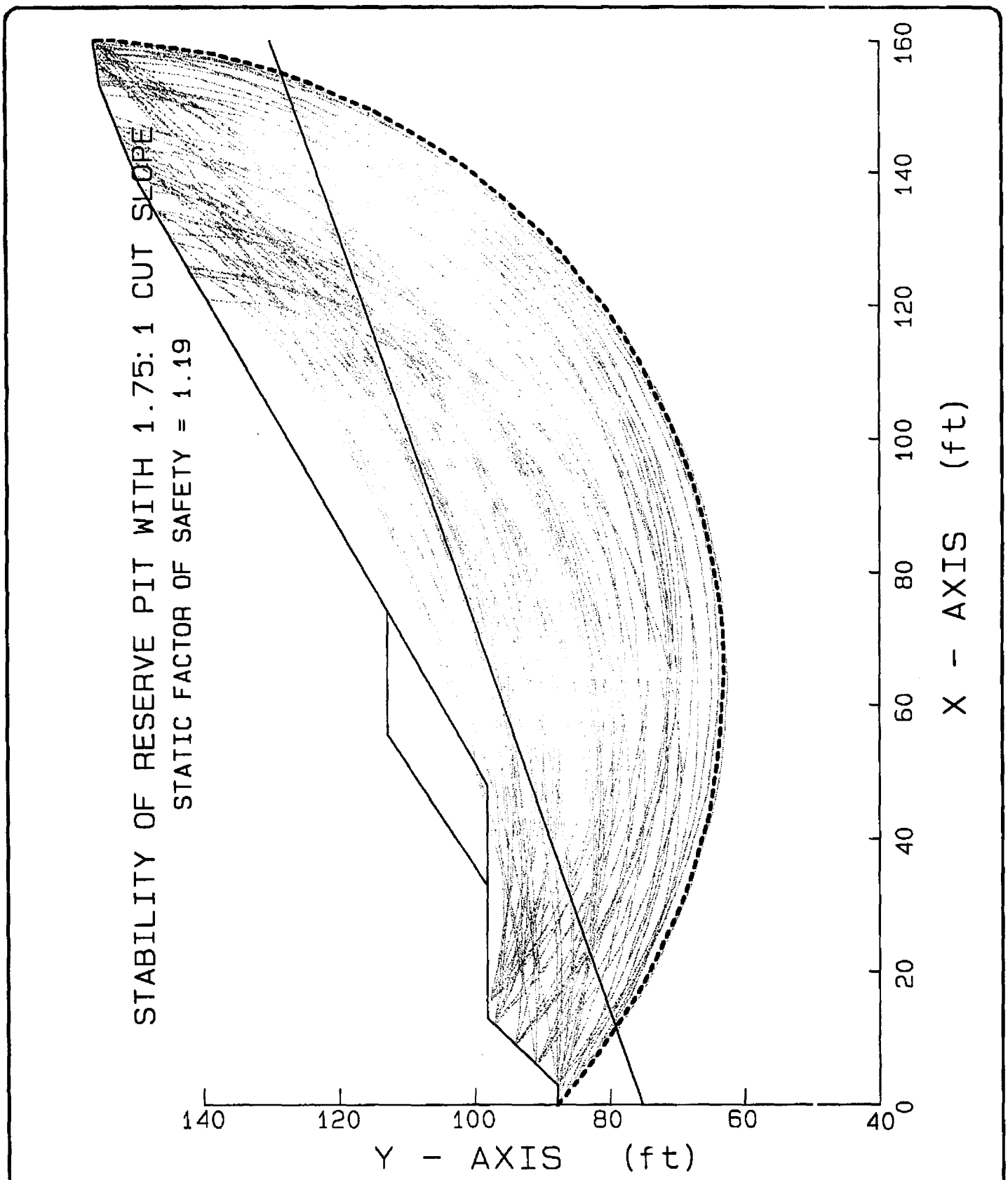
SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc5
Output Filename: uprc5.out
Plotted Output Filename: uprc5.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
1.75:1 CUT SLOPE+BERM WITH RESERVE PIT

BOUNDARY COORDINATES

8 Top Boundaries
11 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	88.00	3.00	88.00	1
2	3.00	88.00	13.00	98.00	1
3	13.00	98.00	33.00	98.00	1
4	33.00	98.00	55.50	113.00	2
5	55.50	113.00	74.00	113.00	2
6	74.00	113.00	138.00	149.40	1
7	138.00	149.40	153.00	155.00	1
8	153.00	155.00	160.00	156.00	1
9	33.00	98.00	48.00	98.00	1
10	48.00	98.00	74.00	113.00	1
11	.00	75.00	160.00	130.00	3

ISOTROPIC SOIL PARAMETERS

3 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	120.0	120.0	550.0	6.0	.00	.0	1
2	135.0	135.0	600.0	25.0	.00	.0	1
3	140.0	140.0	900.0	6.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

60 Trial Surfaces Have Been Generated.

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

10 Surfaces Initiate From Each Of 6 Points Equally Spaced
Along The Ground Surface Between X = .00 ft.
and X = 15.00 ft.

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 45 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	.00	88.00
2	3.79	84.74
3	7.74	81.68
4	11.85	78.83
5	16.10	76.20
6	20.49	73.79
7	24.99	71.62
8	29.60	69.68
9	34.31	67.99
10	39.09	66.55
11	43.95	65.36
12	48.86	64.42
13	53.81	63.74
14	58.80	63.32
15	63.79	63.16
16	68.79	63.27
17	73.78	63.63
18	78.74	64.26
19	83.66	65.14
20	88.53	66.28
21	93.33	67.67
22	98.06	69.31
23	102.69	71.19
24	107.21	73.32
25	111.62	75.68
26	115.90	78.26
27	120.04	81.07
28	124.03	84.08
29	127.85	87.30
30	131.50	90.72
31	134.97	94.32
32	138.24	98.10
33	141.32	102.05
34	144.18	106.15

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

35	146.82	110.39
36	149.24	114.77
37	151.43	119.26
38	153.38	123.87
39	155.08	128.57
40	156.54	133.35
41	157.75	138.20
42	158.70	143.11
43	159.39	148.06
44	159.83	153.04
45	159.93	155.99

Circle Center At X = 64.3 ; Y = 158.8 and Radius, 95.7

*** 1.195 ***

Individual data on the 54 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	3.0	464.9	.0	.0	.0	.0	.0	.0	.0
2	.8	314.2	.0	.0	.0	.0	.0	.0	.0
3	4.0	3586.6	.0	.0	.0	.0	.0	.0	.0
4	3.9	6662.1	.0	.0	.0	.0	.0	.0	.0
5	.2	509.6	.0	.0	.0	.0	.0	.0	.0
6	1.1	2630.4	.0	.0	.0	.0	.0	.0	.0
7	3.1	7938.7	.0	.0	.0	.0	.0	.0	.0
8	4.4	12653.5	.0	.0	.0	.0	.0	.0	.0
9	4.5	14579.8	.0	.0	.0	.0	.0	.0	.0
10	4.6	16397.7	.0	.0	.0	.0	.0	.0	.0
11	3.4	12938.2	.0	.0	.0	.0	.0	.0	.0
12	1.3	5218.5	.0	.0	.0	.0	.0	.0	.0
13	4.8	21195.2	.0	.0	.0	.0	.0	.0	.0
14	4.9	24663.9	.0	.0	.0	.0	.0	.0	.0
15	4.1	22885.2	.0	.0	.0	.0	.0	.0	.0
16	.9	5113.3	.0	.0	.0	.0	.0	.0	.0
17	5.0	31026.3	.0	.0	.0	.0	.0	.0	.0
18	1.7	11153.9	.0	.0	.0	.0	.0	.0	.0
19	3.3	22129.5	.0	.0	.0	.0	.0	.0	.0
20	5.0	33669.8	.0	.0	.0	.0	.0	.0	.0
21	5.0	33654.0	.0	.0	.0	.0	.0	.0	.0
22	5.0	33364.1	.0	.0	.0	.0	.0	.0	.0
23	.2	1471.3	.0	.0	.0	.0	.0	.0	.0
24	4.7	32196.5	.0	.0	.0	.0	.0	.0	.0
25	4.9	34706.4	.0	.0	.0	.0	.0	.0	.0
26	4.9	35435.4	.0	.0	.0	.0	.0	.0	.0
27	4.8	35848.3	.0	.0	.0	.0	.0	.0	.0
28	4.7	35944.6	.0	.0	.0	.0	.0	.0	.0
29	4.6	35728.1	.0	.0	.0	.0	.0	.0	.0
30	4.5	35206.6	.0	.0	.0	.0	.0	.0	.0
31	4.4	34392.2	.0	.0	.0	.0	.0	.0	.0
32	4.3	33300.9	.0	.0	.0	.0	.0	.0	.0
33	4.1	31952.4	.0	.0	.0	.0	.0	.0	.0
34	4.0	30369.9	.0	.0	.0	.0	.0	.0	.0
35	3.8	28580.1	.0	.0	.0	.0	.0	.0	.0
36	3.7	26612.2	.0	.0	.0	.0	.0	.0	.0
37	3.5	24498.2	.0	.0	.0	.0	.0	.0	.0
38	3.0	20638.5	.0	.0	.0	.0	.0	.0	.0
39	.2	1633.1	.0	.0	.0	.0	.0	.0	.0
40	3.1	19842.1	.0	.0	.0	.0	.0	.0	.0

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

41	2.9	17311.4	.0	.0	.0	.0	.0	.0	.0
42	2.6	14824.3	.0	.0	.0	.0	.0	.0	.0
43	2.4	12418.1	.0	.0	.0	.0	.0	.0	.0
44	2.2	10129.6	.0	.0	.0	.0	.0	.0	.0
45	1.6	6528.2	.0	.0	.0	.0	.0	.0	.0
46	.4	1464.3	.0	.0	.0	.0	.0	.0	.0
47	1.6	5645.4	.0	.0	.0	.0	.0	.0	.0
48	.1	343.9	.0	.0	.0	.0	.0	.0	.0
49	1.5	4276.3	.0	.0	.0	.0	.0	.0	.0
50	1.2	2868.0	.0	.0	.0	.0	.0	.0	.0
51	1.0	1722.0	.0	.0	.0	.0	.0	.0	.0
52	.7	854.9	.0	.0	.0	.0	.0	.0	.0
53	.4	280.5	.0	.0	.0	.0	.0	.0	.0
54	.1	17.9	.0	.0	.0	.0	.0	.0	.0

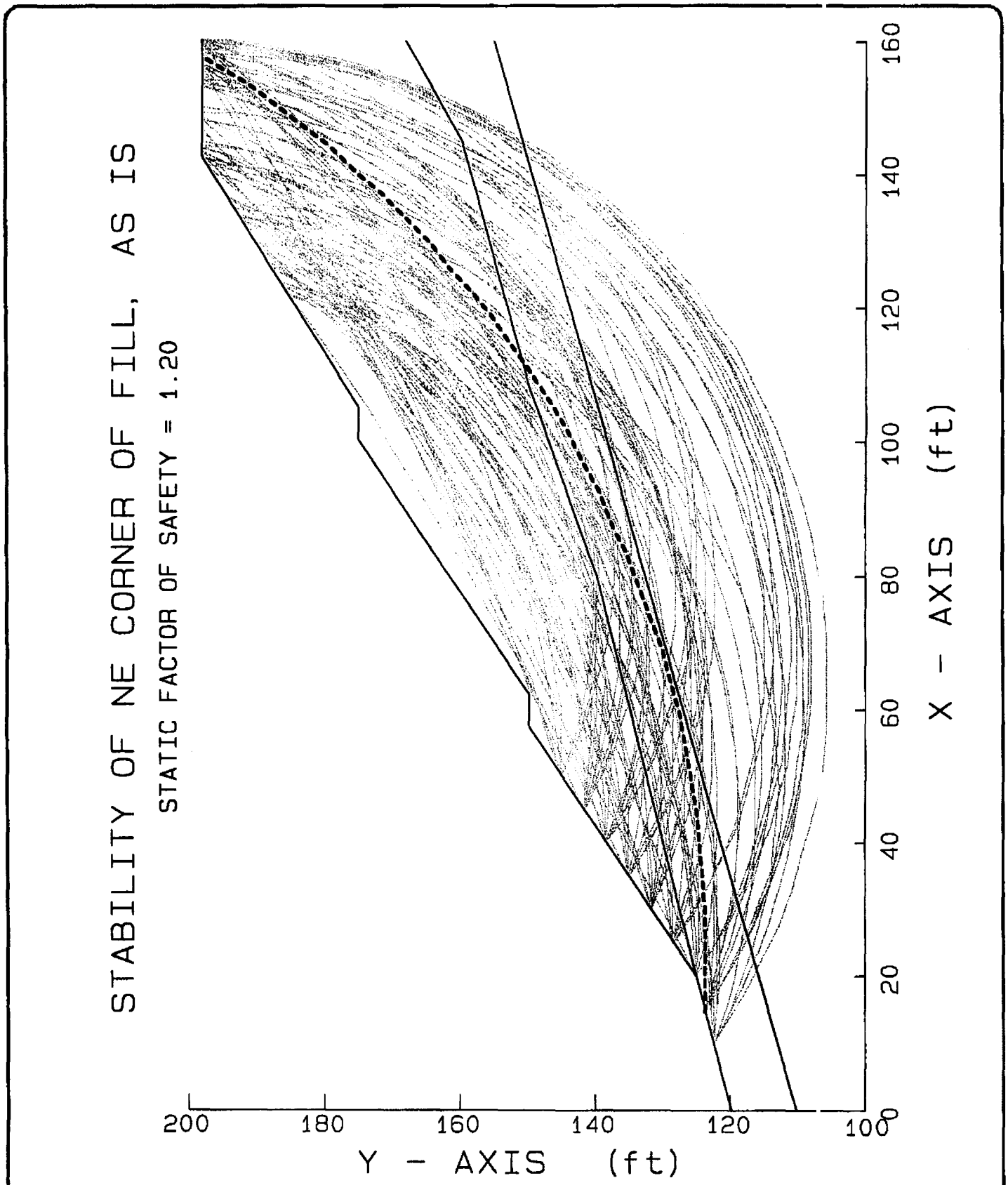
SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc6
Output Filename: uprc6.out
Plotted Output Filename: uprc6.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
STABILITY OF NE CORNER OF FILL: AS IS

BOUNDARY COORDINATES

7 Top Boundaries
12 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	120.00	20.00	125.00	1
2	20.00	125.00	57.50	150.00	2
3	57.50	150.00	62.50	150.00	2
4	62.50	150.00	100.00	175.00	2
5	100.00	175.00	105.00	175.00	2
6	105.00	175.00	142.50	198.00	2
7	142.50	198.00	160.00	198.00	2
8	20.00	125.00	80.00	140.00	1
9	80.00	140.00	108.00	150.00	1
10	108.00	150.00	145.00	160.00	1
11	145.00	160.00	160.00	168.00	1
12	.00	110.00	160.00	155.00	3

ISOTROPIC SOIL PARAMETERS

3 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	120.0	120.0	900.0	6.0	.00	.0	1
2	125.0	125.0	500.0	23.0	.00	.0	1
3	140.0	140.0	1200.0	10.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

90 Trial Surfaces Have Been Generated.

10 Surfaces Initiate From Each Of 9 Points Equally Spaced
Along The Ground Surface Between X = 10.00 ft.
and X = 50.00 ft.

Each Surface Terminates Between X = 120.00 ft.
and X = 160.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

5.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 35 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	15.00	123.75
2	20.00	123.57
3	25.00	123.55
4	30.00	123.69
5	34.99	123.98
6	39.97	124.44
7	44.93	125.05
8	49.87	125.81
9	54.78	126.73
10	59.67	127.81
11	64.51	129.04
12	69.32	130.42
13	74.08	131.96
14	78.79	133.64
15	83.44	135.47
16	88.03	137.45
17	92.56	139.57
18	97.02	141.83
19	101.40	144.23
20	105.71	146.77
21	109.93	149.45
22	114.07	152.26
23	118.12	155.19
24	122.07	158.25
25	125.92	161.44
26	129.68	164.75
27	133.32	168.17
28	136.86	171.70
29	140.28	175.35
30	143.58	179.10
31	146.77	182.96
32	149.83	186.91
33	152.76	190.96
34	155.57	195.10

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

35 157.41 198.00

Circle Center At X = 23.1 ; Y = 281.8 and Radius, 158.3

*** 1.195 ***

Individual data on the 43 slices

Slice No.	Width Ft(m)	Weight Lbs(kg)	Water Force Top Lbs(kg)	Water Force Bot Lbs(kg)	Tie Force Norm Lbs(kg)	Tie Force Tan Lbs(kg)	Earthquake Force Hor Lbs(kg)	Earthquake Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	5.0	428.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.5	.0	.0	.0	.0	.0	.0	.0
3	5.0	1887.6	.0	.0	.0	.0	.0	.0	.0
4	5.0	3903.3	.0	.0	.0	.0	.0	.0	.0
5	5.0	5814.8	.0	.0	.0	.0	.0	.0	.0
6	5.0	7615.3	.0	.0	.0	.0	.0	.0	.0
7	5.0	9298.4	.0	.0	.0	.0	.0	.0	.0
8	4.9	10858.1	.0	.0	.0	.0	.0	.0	.0
9	4.9	12289.6	.0	.0	.0	.0	.0	.0	.0
10	2.7	7394.6	.0	.0	.0	.0	.0	.0	.0
11	2.2	5998.4	.0	.0	.0	.0	.0	.0	.0
12	2.8	7630.5	.0	.0	.0	.0	.0	.0	.0
13	2.0	5436.3	.0	.0	.0	.0	.0	.0	.0
14	4.8	13774.1	.0	.0	.0	.0	.0	.0	.0
15	4.8	14677.4	.0	.0	.0	.0	.0	.0	.0
16	4.7	15441.4	.0	.0	.0	.0	.0	.0	.0
17	1.2	4121.0	.0	.0	.0	.0	.0	.0	.0
18	3.4	11941.6	.0	.0	.0	.0	.0	.0	.0
19	4.6	16537.4	.0	.0	.0	.0	.0	.0	.0
20	4.5	16874.8	.0	.0	.0	.0	.0	.0	.0
21	4.5	17077.6	.0	.0	.0	.0	.0	.0	.0
22	3.0	11632.8	.0	.0	.0	.0	.0	.0	.0
23	1.4	5434.3	.0	.0	.0	.0	.0	.0	.0
24	3.6	13306.0	.0	.0	.0	.0	.0	.0	.0
25	.7	2530.0	.0	.0	.0	.0	.0	.0	.0
26	2.3	8177.9	.0	.0	.0	.0	.0	.0	.0
27	1.9	6897.0	.0	.0	.0	.0	.0	.0	.0
28	2.6	9367.4	.0	.0	.0	.0	.0	.0	.0
29	1.5	5337.2	.0	.0	.0	.0	.0	.0	.0
30	4.0	14206.5	.0	.0	.0	.0	.0	.0	.0
31	4.0	13604.1	.0	.0	.0	.0	.0	.0	.0
32	3.9	12912.8	.0	.0	.0	.0	.0	.0	.0
33	3.8	12140.9	.0	.0	.0	.0	.0	.0	.0
34	3.6	11297.6	.0	.0	.0	.0	.0	.0	.0
35	3.5	10392.5	.0	.0	.0	.0	.0	.0	.0
36	3.4	9435.6	.0	.0	.0	.0	.0	.0	.0
37	2.2	5752.5	.0	.0	.0	.0	.0	.0	.0
38	1.1	2640.0	.0	.0	.0	.0	.0	.0	.0
39	3.2	6755.9	.0	.0	.0	.0	.0	.0	.0
40	3.1	5000.4	.0	.0	.0	.0	.0	.0	.0
41	2.9	3326.3	.0	.0	.0	.0	.0	.0	.0
42	2.8	1744.2	.0	.0	.0	.0	.0	.0	.0
43	1.8	333.5	.0	.0	.0	.0	.0	.0	.0

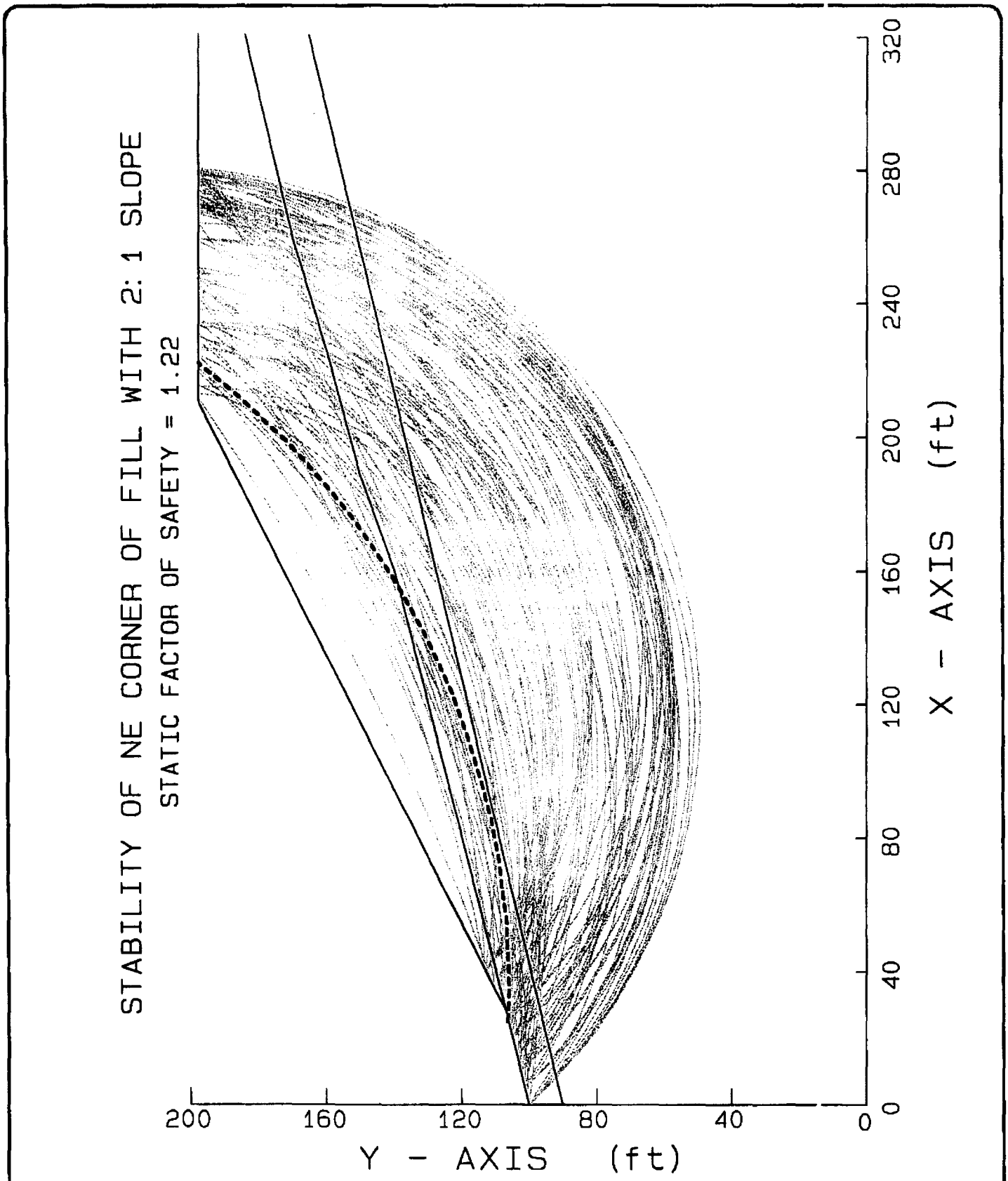
SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon



SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

** PCSTABL5M **

by
Purdue University

--Slope Stability Analysis--
Simplified Janbu, Simplified Bishop
or Spencer's Method of Slices

Run Date:
Time of Run:
Run By:
Input Data Filename: uprc7
Output Filename: uprc7.out
Plotted Output Filename: uprc7.plt

PROBLEM DESCRIPTION UNION PACIFIC RESOURCES: SST 56, NEW PAD
STAB. OF NE CORNER OF FILL: 2:1 SLOPE

BOUNDARY COORDINATES

3 Top Boundaries
9 Total Boundaries

Boundary No.	X-Left (ft)	Y-Left (ft)	X-Right (ft)	Y-Right (ft)	Soil Type Below Bnd
1	.00	100.00	28.00	107.00	1
2	28.00	107.00	210.00	198.00	2
3	210.00	198.00	320.00	198.00	2
4	28.00	107.00	160.00	140.00	1
5	160.00	140.00	188.00	150.00	1
6	188.00	150.00	225.00	160.00	1
7	225.00	160.00	259.00	170.00	1
8	259.00	170.00	320.00	184.00	1
9	.00	90.00	320.00	165.00	3

ISOTROPIC SOIL PARAMETERS

3 Type(s) of Soil

Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion Intercept (psf)	Friction Angle (deg)	Pore Pressure Param.	Pressure Constant (psf)	Piez. Surface No.
1	120.0	120.0	900.0	6.0	.00	.0	1
2	125.0	125.0	500.0	23.0	.00	.0	1
3	140.0	140.0	1500.0	10.0	.00	.0	1

A Critical Failure Surface Searching Method, Using A Random
Technique For Generating Circular Surfaces, Has Been Specified.

90 Trial Surfaces Have Been Generated.

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

10 Surfaces Initiate From Each Of 9 Points Equally Spaced
Along The Ground Surface Between X = .00 ft.
and X = 40.00 ft.

Each Surface Terminates Between X = 210.00 ft.
and X = 280.00 ft.

Unless Further Limitations Were Imposed, The Minimum Elevation
At Which A Surface Extends Is Y = .00 ft.

10.00 ft. Line Segments Define Each Trial Failure Surface.

Following Is Displayed The Most Critical Of The Trial
Failure Surfaces Examined.

* * Safety Factors Are Calculated By The Modified Bishop Method * *

Failure Surface Specified By 24 Coordinate Points

Point No.	X-Surf (ft)	Y-Surf (ft)
1	25.00	106.25
2	35.00	106.02
3	45.00	106.22
4	54.98	106.84
5	64.92	107.89
6	74.81	109.36
7	84.63	111.25
8	94.36	113.56
9	103.98	116.29
10	113.48	119.42
11	122.84	122.95
12	132.03	126.88
13	141.05	131.20
14	149.88	135.90
15	158.50	140.97
16	166.89	146.41
17	175.04	152.19
18	182.94	158.33
19	190.58	164.79
20	197.92	171.57
21	204.98	178.66
22	211.72	186.04
23	218.14	193.71
24	221.44	198.00

Circle Center At X = 35.4 ; Y = 340.1 and Radius, 234.1

*** 1.224 ***

Individual data on the 26 slices

	Water	Water	Tie	Tie	Earthquake

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H
Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

Slice No.	Width Ft(m)	Weight Lbs(kg)	Force Top Lbs(kg)	Force Bot Lbs(kg)	Force Norm Lbs(kg)	Force Tan Lbs(kg)	Force Hor Lbs(kg)	Force Ver Lbs(kg)	Surcharge Load Lbs(kg)
1	3.0	147.4	.0	.0	.0	.0	.0	.0	.0
2	7.0	2254.9	.0	.0	.0	.0	.0	.0	.0
3	10.0	8404.0	.0	.0	.0	.0	.0	.0	.0
4	10.0	14004.6	.0	.0	.0	.0	.0	.0	.0
5	9.9	19025.4	.0	.0	.0	.0	.0	.0	.0
6	9.9	23435.0	.0	.0	.0	.0	.0	.0	.0
7	9.8	27209.5	.0	.0	.0	.0	.0	.0	.0
8	9.7	30332.3	.0	.0	.0	.0	.0	.0	.0
9	9.6	32794.0	.0	.0	.0	.0	.0	.0	.0
10	9.5	34592.8	.0	.0	.0	.0	.0	.0	.0
11	9.4	35734.6	.0	.0	.0	.0	.0	.0	.0
12	9.2	36232.4	.0	.0	.0	.0	.0	.0	.0
13	9.0	36106.4	.0	.0	.0	.0	.0	.0	.0
14	8.8	35384.2	.0	.0	.0	.0	.0	.0	.0
15	4.6	18433.1	.0	.0	.0	.0	.0	.0	.0
16	4.0	15653.4	.0	.0	.0	.0	.0	.0	.0
17	8.4	32167.8	.0	.0	.0	.0	.0	.0	.0
18	8.2	29747.0	.0	.0	.0	.0	.0	.0	.0
19	7.9	26897.3	.0	.0	.0	.0	.0	.0	.0
20	7.6	23679.7	.0	.0	.0	.0	.0	.0	.0
21	7.3	20159.5	.0	.0	.0	.0	.0	.0	.0
22	7.1	16406.7	.0	.0	.0	.0	.0	.0	.0
23	5.0	9628.1	.0	.0	.0	.0	.0	.0	.0
24	1.7	2774.5	.0	.0	.0	.0	.0	.0	.0
25	6.4	6522.0	.0	.0	.0	.0	.0	.0	.0
26	3.3	883.7	.0	.0	.0	.0	.0	.0	.0

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

Slice No.	Width Ft(m)	Weight Lbs(kg)	Top Lbs(kg)	Bot Lbs(kg)	Norm Lbs(kg)	Tan Lbs(kg)	Hor Lbs(kg)	Ver Lbs(kg)	Load Lbs(kg)
1	.8	44.0	.0	.0	.0	.0	.0	.0	.0
2	2.5	798.8	.0	.0	.0	.0	.0	.0	.0
3	7.4	8639.2	.0	.0	.0	.0	.0	.0	.0
4	50.1	137207.8	.0	.0	.0	.0	.0	.0	.0
5	30.0	127278.5	.0	.0	.0	.0	.0	.0	.0
6	30.0	160693.3	.0	.0	.0	.0	.0	.0	.0
7	60.0	309131.1	.0	.0	.0	.0	.0	.0	.0
8	50.0	188918.5	.0	.0	.0	.0	.0	.0	.0
9	19.9	58208.4	.0	.0	.0	.0	.0	.0	.0
10	.1	363.9	.0	.0	.0	.0	.0	.0	.0
11	6.6	14684.4	.0	.0	.0	.0	.0	.0	19667.4
12	6.7	9081.2	.0	.0	.0	.0	.0	.0	20073.9
13	6.7	3114.1	.0	.0	.0	.0	.0	.0	20073.9
14	.1	1.4	.0	.0	.0	.0	.0	.0	439.0

SLOPE STABILITY DATA

Union Pacific Resources Drill Pad 27-1H

Near Blonquist Peak, Summit County, Utah

JOB # 61945062	DATE: December 1994	BY: WGT

Terracon

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: UPRC

Well Name: UPRR 27-1H

API NO. 43-043-30306

Section 27 Township 2N Range 6E County Summit

Drilling Contractor Cardinal

Rig # 16

SPUDDED: Date 12/21/94

Time 10:30 PM

How Rotary

Drilling will commence

Reported by Bob Austin

Telephone # 1-801-640-0726

Date: 12/22/94 Signed: JLT

12-29-94

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-30619

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other Weekly Progress Report/Spud Notice	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	
		Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 1, Week Ending December 26, 1994

PLEASE BE ADVISED THAT THE WELL SPUDDED DECEMBER 21, 1994

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PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 94-12-27

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(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 5

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
12/21/94	318.0		.
			.....FIRST REPORT AFE #17076,IN THE AMOUNT OF $2,483M TO DRILL COMPLETE & EQUIP A 15342 FT. MEASURE DEPTH. 11718 TVD HORIZONTAL TWIN CREEK TEST WELL IN LODGEPOLE FIELD.LOCATION 904' FSL & 578'FEL SEC 27,T2N,R6E, SUMMIT COUNTY UTAH.7821 KB (23'GL KB).....(API# 43-043-30306)
			.
		05:00 17:00	MIRU CARDNAL RIG 16-E
			.
		17:00 21:30	WELD ON CONDUCTOR,REWORK FLOW LINE. MIX SPUD MUD + PU BHA.
			.
			..SPUD 14.75 SURFACE 21:30 HRS 12/21/94....
		21:30 02:30	DRILL 81-318 FT. LOST PARTIAL RETURNS AT 270 270 FT. LOST FULL RETURNS AT 318 FT.
			.
		02:30 03:00	SURVEY AT 268 FT 1 DEG.
			.
		03:00 05:00	BUILDING VOLUME MIX LCM.
12/23/94	744.0	05:00 08:00	BUILD VOLUME,MIX AND PUMP LCM
			.
		08:00 14:00	DRILL 318-568 FT.250 FT.41.66 FPH
			.
		14:00 14:30	SURVEY 518 1/2 DEG
			.
		14:30 23:30	DRILL 568-725 FT. 157 FT 17.44 FPH
			.
		23:30 24:00	SURVEY 675 FT. 1/2 DEG
			.
		24:00 03:30	POOH, PU 7 3/4 0 DEG FIX. PU VAREL V517 BIT. RIH TO 675.
			.
		03:30 04:00	WASH/REAM 675-725 FT.
			.
		04:00 05:00	ROTATE 725-744 19 FT 19 FPH.
			.
			HOLE SEEPING ALITTLE WHILE DRLG LAST 24 HRS
			.
			NO PRECIP. LAST 24 HRS.
			.
			.
			CALLED UTAH OIL & GAS COMM. ON SPUD ...(JIM THOMPSON)
12/24/94	1091.		.
		05:00 16:30	DRILL 744-996 FT 252 FT 21.9 FPH
			.
		16:30 17:00	SURVEY 921 FT 1/2 DEG
			.
		17:00 17:30	DRILL 996-1008 FT 12 FT 24 FPH. LOST RETURNS
			.
		17:30 18:00	MIX AND PUMP 60 BBL. 15 PPB LCM PILL, GOT RETURNS BACK.
			.
		18:00 22:00	DRILL 1008-1091 FT. 83 FT 20.75 FPH LOST RETURNS 1085-1091 FT.
			.
		22:00 05:00	LOST 900 BBLS. BUILD VOLUME.PUMPED 8-60 BBL

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 1 TO REPORT No. 5

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				LCM PILLS OF 15-17 PPB. GOT FLUID BACK TO SURF WILL NOT QUITE CIRC.
				HOLE HAS BEEN SEEPING WHILE DRLG LAST 24
				47 JTS 10 3/4 CSG ON LOCATION 2106.61 THRDS OFF
				TRANSFERRED 365 JTS 4" DP FROM CAVE CRK 19-1 TO UPRR 27-1 (OFR PIPE)
				NO PRECIP. LAST 24 HRS. 30 DEG AM.
12/25/94	1163.	05:00	05:30	BUILD VOLUME MIX LCM.
		05:30	07:30	DRILL 1091-1129 FT. LOST RETURNS 1123 FT
		07:30	15:00	MIX AND PUMP 520 BBLS 15 PPB LCM PLUS MIX AND PUMP 260 BBLS 25 PPB LCM.PLUGGED MM.
		15:00	17:00	POOH LD MM FILL HOLE ON BACK SIDE W/ 200 BBLS.
		17:00	19:30	BHA CHANGE STABELIZERS ON BHA
		19:30	22:00	BUILD VOLUME TO 900 BBLS.10 PPB LCM. HOLE STAYED FULL WHILE BUILDING VOLUME.
		22:00	23:00	RIH BRK CIRC W/ DCS.
		23:00	23:30	WASH/REAM 46 FT TO BOTTOM.
		23:30	24:00	DRILL 1129-1152 FT.PUMPED 160 BBLS OF 25 PPB LCM WHILE DRLG. LOST RETURNS 1135-1152 FT.
		24:00	24:30	SET BACK 1 STD.
		24:30	04:00	REBUILD VOLUME TO 900 BBLS W/ 20 PPB LCM.
		04:00	04:30	DRILL 1152-1163. NO RETURNS
		04:30	05:00	LET SET W/ OUT PUMP ON ATTEMPT TO LET HOLE HEAL
				NO PRECIP. LAST 24 HRS 26 DEG AM.
12/26/94	1597.	05:00	17:30	DRILL 1163-1444 281 FT 22.48 FPH. NO RETURNS.
		17:30	18:00	SURVEY AT 1394 FT 3/4 DEG.
		18:00	04:30	DRILL 1444-1597 FT 153 FT 14.57 FPH NO RETURNS.
		04:30	05:00	POOH FOR BIT #4.
				PUMPED 10,000 BBLS WATER DOWN HOLE LAST 24 HRS NEVER HAD RETURNS AT ANYTIME LAST 24 HRS.
				NO PRECIP. LAST 24 HRS. CLOUDY, 26 DEG AM.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Union Pacific Resources

ADDRESS P.O Box 7. MS 2603
Fort Worth, TX 76101

OPERATOR ACCT. NO. N 9465

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	11721	43043 30306	UPRR 27-1H	SE/SE	27	2N	6E	Summit	12/21/94	

WELL 1 COMMENTS: Lodgepole Field Twin Creek Formation Entity added 1-5-95. Lc

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

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Carolyn Thuman
Signature

Production Clerk 12/28/94
Title Date

Phone No. (817)877-6467

1-6-95

FORM 9

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-~~306~~ 30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other Monthly Progress Report	
( ) Other			
Approximate date work will start		Date of work completion	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Well spudded Decembeer 21, 1994. On January 2, 1995 (end of report period), total depth of the well was 1,795' MD.

Please see previously submitted daily operations summaries for detail

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PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-01-03

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(12/92)

FORM 9

CONFIDENTIAL

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial No. NA
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals	6. If Indian, Allotee or Tribe Name NA
	7. Unit Agreement Name NA
1. Type of Well: OIL (X) GAS ( ) OTHER:	8. Well Name and Number UPRR 27-1H
	9. API Well Number 43-043-~~306~~ 30306
2. Name of Operator Union Pacific Resources Company	10. Field and Pool, or Wildcat
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	LODGEPOLE

4. Location of Well

Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM — County: SUMMIT

QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM — State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 2, Week Ending January 2, 1995

Well Spudded December 21, 1994

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PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: January 3, 1995

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(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 6 TO REPORT No. 12

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
12/27/94	1795.	05:00	06:00	POOH FOR BIT #4
		06:00	08:30	PU MONEL DC,RIH TO 1500 FT.
		08:30	09:30	WASH/REAM 1500-1597 FT.
		09:30	21:30	DRILL 1597-1795 FT.198 FT 16.5 FPH TORQUE INCRESED FROM 260 TO 375 AMPS. ATTEMPT TO PU OFF BOTTOM. MOVED PIPE 1 FT.
		21:30	03:00	WORK STUCK PIPE,KELLY 25 FT IN. BREAK OFF GOOSE NECK.
		03:00	05:00	RU PETRO LOG,RUN FREE PT. 1712 TOP OF BOTTOM 3 PT, 3 PTS STRETCH .....NO TORQUE 1663' TOP OF TOP 10".....11 PTS STRETCH ..... 4 PTS. TORQUE 1626' TOP OF BOTTOM 8" ...16 PTS STRETCH .....NO TORQUE 1595 ' TOP OF 2 HD 8" ....20 PTS STRETCH .....4 PTS TORQUE 1557' TOP OF 3 RD 8" DC. 20 PTS STRETCH .....4 PTS TORQUE CALLED TRI STATE FISHING TOOLS. .....PETRO LOG FOR FREE PT AND BACK OFF.
12/28/94	1795.	05:00	06:00	FREE PT.
		06:00	08:00	RIH W/ 540 GRAMM SHOT, DIDNOT BRK. PU 800 GRAMM SHOT RIH BACK OFF TOP 3RD" DC. LEFT 3-8" DCS FISH 3-8" DCS,XO,1-10"DC,3-PT,1-10" DC,3-PT, 1-10"DC,XO,MONEL DC,BIT SUB,BIT.(239.22 FT.)
		08:00	08:30	INSTALL GOOSE NECK.
		08:30	09:30	PUMP 300 BBLS 20# PPB LCM ATTEMPT TO CIRC. DIDNOT GET RETURNS.
		09:30	10:30	SLM OUT OF HOLE,BACKED OFF AT 1554.33 FT. LD SHOT COLLAR,
		10:30	13:30	PU FISHING TOOLS,SCREW IN SUB,TRIPLE TOP BUSHING,BUMPER SUB,OIL JARS,8-8"DCS,ACCEL. XH,3-6"DCS.RIH.
		13:30	24:30	SCREW IN, JAR FISH UP 20 FT.
		24:30	02:30	RU PETRO LOG, RIH, FREE PT.FREE TOP OF BOTTOM 8",PU 800 GRAM SHOT. RIH BACK OFF AT 1565.22 FT
		02:30	03:30	POOH,
		03:30	04:30	POOH,LD 8" DC + FISHING TOOLS.
		04:30	05:00	UNLOAD AND PU WASH PIPE,
12/29/94	1795.	05:00	06:30	PU WASH PIPE.
		06:30	08:30	RIH W/ WASH PIPE
		08:30	16:30	WASH OVER FROM 1565 TO 1663.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 6 TO REPORT No. 12

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
		16:30	17:00	CIRC.30 MIN TO CLEAR WASH PIPE.
		17:00	19:30	POOH W/ WASH PIPE, BRK OFF SHOE. SET BACK 1 STD WASH PIPE.
		19:30	22:00	PU SCEW IN TOOLS, RIH.
		22:00	04:30	CIRC. CLEAR TOP OF FISH. SCREW IN TO FISH. JAR FISH UP HOLE 19 FT. HAD 18 FT FREE TRAVEL FOR QUITE AWHILE. FINALY COULD NOT FALL BACK. TOP FISH AT 1260 FT.
		04:30	05:00	RU PETRO LOG.RIH W/ FREE PT.
12/30/94	1795.	05:00	17:00	RUN TO FREE PT. TOP FISH PLUGGED, RUN IN W/ SPUD BAR. PUSH PLUG DOWN INTO MONEL DC.POOH PU HEAVIER SPUD BAR. SPUD PLUG ATTEMPT TO PUSH PLUG TO BIT. BROKE PIVOT ARM ON WIRELINE TRK. RD WIRELINE W.O. NEW TRK. RU FREE PT. RIH 22 PTS STRETCH IN 10" TOP OF TOP 3 PT. 18 PTS BELOW 3 PT. 7 PTS BELOW BOTTOM 3 PT.POOH PU 1600 GRAIN SHOT RIH TO 1646' ATTEMPT TO BACK OFF. DIDNOT GET BACKED. RIH W/ 2ND 1600 GRAIN SHOT DIDNOT BACKOFF. PU 3RD SHOT 2200 GRAIN BACKED OFF. RECOVERED 2-8" DCS +1 10" DC + 3 PT.
		17:00	21:00	POOH SET BACK 2-8" + 1-10" + LD 3-PT. + FISHING TOOLS.
		21:00	23:00	PU WASH PIPE,RIH
		23:00	02:00	WASH OVER 1646 TO 1677' TOP OF BOTTOM 3 PT.
		02:00	02:30	CIRCULATE TO CLEAR WASH PIPE.
		02:30	04:00	POOH STAND BACK WASH PIPE.
		04:00	05:00	PU AND RIH W/ JARRING ASSEMBLY.
12/31/94	1795.	05:00	06:30	FINISH PU SCREW IN - JAR ASSEMMBLY,RIH
		06:30	11:30	SCREW INTO FISH. ATTEMPT TO JAR FISH UP.NO PROGRESS, JARRED FISH DOWN 4 FT. JARRED FISH BACK UP 4 FT. COULD NOT MAKE ANY FUTHER PROGRESS ON JARRING.
		11:30	23:00	TAKE OFF GOOSE NECK, RU PETRO LOG .RUN SINKER TO 1699 FT, POOH PU FREE PT. RIH FREE PT AT 1696' 12' BELOW 3 PT REAMER. 55 PTS STRETCH + 9 PTS TORQUE. FREE PT 1668' 8 FT ABOVE 3 PT. REAMER.55 PTS STRETCH, 12 PTS TORQUE. POOH PU 2400 GRAIN SHOT RIH ATTEMPT TO BACK OFF AT 1684 BOTTOM OF 3 PT REAMER.POOH PU 2600 GRAIN SHOT.RIH ATTEMPT TO BACK SAME SPOT, BACKED OUT ON SCREW SUB.SCREW BACK IN. PU 2800 GRAIN SHOT SHOT AT 1684 FT.LEFT WIRELINE SOCKET IN HOLE. BACKED OFF IN SCREWIN SUB. SCREW BACK IN.
		23:00	02:30	PU SINKER BAR RIH COULD NOT WORK DOWN TO ROPE SOCKET .DIDNOT ATTEMPT TO RUN OVERSHOT .

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 6 TO REPORT No. 12

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				.
		02:30	03:30	MADE A MANUL BACK OFF AT SCREW IN SUB. CK BRK W/ COLLAR LOCATOR. RD AND RELEASE PETRO LOG.
				,
		03:30	05:00	POOH TO LD FISHING TOOLS.FISHING TOOLS + DCS + 5 JTS DP PLUGGED SAND AND ROCKS. FLUID LEVEL SHOULD BE AT 1125 FT.
01/01/95	1795.	05:00	06:30	CLEAN OUT PLUGGED DCS.
				.
		06:30	07:00	INSTALL GOOSE NECK AND KELLY HOSE.
				.
		07:00	09:30	PU BHA. MILL SHOE 12.25 X 10.25, 3 JTS WASH PIPE,TRIPLE CONN,BUMPER SUB,6-8" DCS,JARS, 2-8" DCS,XO,3-6" DCS,.
				.
		09:30	10:30	RIH.
				.
		10:30	14:00	WASH & REAM 90 FT TO TOP OF FISH.
				.
		14:00	16:00	WORK OVER TOP OF FISH.
				.
		16:00	05:00	BURNING OVER 3 PT. START W/ 30" TO BURN OVER. CUT 15" IN THE LAST 13 HRS.
				.
				.
				TOTAL WATER HAULED TO DATE 36,110 BBLS.
01/02/95	1795.	05:00	09:00	BURN OVER 3 PT.
				.
		09:00	13:30	WORK JUNK DOWN HOLE.WORK AND WASHING TO BIT.
				.
		13:30	15:30	POOH FOR NEW MILLSHOE.PU 1 JT WASH.
				.
		15:30	17:30	ASSEMMBLY.SCALLOP SHOE,4 JTS WASH PIPE,TRIPLE CONN,BUMPER JARS,6-8" DCS,JARS,2-8" DCS,XO, 3-6" DCS,
				.
		17:30	05:00	WORK OVER TOP FISH.WASH OVER 1650 TO 1704 FT.
				.
				.
				AS OF 0500 HRS. WO WATER.
				.
				TEMP + 12 DEG. NO PRECIP. LAST 24 HRS.

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STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.	NA
6. If Indian, Allotee or Tribe Name	NA
7. Unit Agreement Name	NA
8. Well Name and Number	UPRR 27-1H
9. API Well Number	43-043-~~306~~ 30206
10. Field and Pool, or Wildcat	LODGEPOLE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL (X) GAS ( ) OTHER:

2. Name of Operator: Union Pacific Resources Company

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. No. 3, Week Ending January 9, 1995

Well Spudded December 21, 1994

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DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-01-09

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 13 TO REPORT No. 18

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
01/03/95	1795.	05:00 09:30	WO ON WATER.
		09:30 15:30	HAD TO RECUT OVER 3 PT. ATTEMPT TO WASH & MILL BY JUNK BELOW 3 PT. OD OF 3 PT BODY 10.5" ID OF WASH PIPE 10.773". TORQUE RUNNING AT 450 AMPS.
		15:30 19:00	POOH, LD FISHING TOOLS. LD 4 JTS 10.75" WASH PIPE.
		19:00 23:00	PU SCALLOP BOTTOM SHOE W/12" ID + 14" OD CUT RIGHT. + 3 JTS 13.375 OD X 12.347 ID. + TOP BUSHING,XO,B. JARS,S JARS,8-8" DCS,ACCEL, XO,3-6" DCS. LENGTH 499.90 FT. RIH.
		23:00 05:00	HAD NO TROUBLE GOING OVER TOP FISH. HAD 15 FT. FILL ON TOP OF REAMER.WASH DOWN TO 1686 FT. WORK BY JUNK CUT 1 TO 2" IRON WILL FALL DOWN AROUND MILL AND STALL TABLE OUT.HAVE TO PULL UP AND WORK BACK DOWN PASSED IRON. HAVE CUT 1 1/2 AND 2 FT. OF NEW HOLE.
			TEMP +2 DEG. CALM AND COLD.
01/04/95	1795.		
		05:00 05:00	WORK AND MILL ON JUNK BELOW 3 PT. MADE 6-7 FT OF NEW HOLE.STALL TABLE W/ 10-14M WT ON MILL.
			BOUGHT 6 SHARES WATER 1-3-95 TOTAL 10 SHARES
01/05/95	1795.	05:00 07:00	MILLING OVER FISH. SUSPEND FISHING OPERATIONS,FISH LEFT IN HOLE: BIT,XO,N.M.D.C.,XO,1-10" D.C.,1-3 PT REMAMER, 1-9.75" D.C. TOF @ 1,649'.
		07:00 08:00	TRIP OUT WITH WASH PIPE & MILL.
		08:00 13:00	LAY DOWN & LOAD OUT TOOLS.
		13:00 14:00	TRIP IN OPEN ENDED TO 1,221'.
		14:00 17:00	WAIT ON DOWELL
		17:00 19:00	RIG UP DOWELL
		19:00 20:00	PUMP 10 BBLS. WATER, 600 SX. 65/35 POZ + 2% CACL2, .25#/SX CELLOFLAKE, MIXED @ 12.7 PPG. DISPLACED WITH 5 BBLS. WATER. WAIT ON CEMENT.
		20:00 20:30	TRIP OUT, PIPE WET @ 434'.
		20:30 00:30	TRIP IN WITH D.C.'S & INSPECT SAME. TWO BAD FACES ON 8", NO CRACKS FOUND.
		00:30 04:00	WAIT ON CEMENT
		04:00 05:00	TRIP IN TO 800', ATTEMPT TO CIRCULATE HOLE WITH WATER @ 348 GMP. NO RETURNS.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 13 TO REPORT No. 18

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				TRIP IN HOLE TO 1,035' TAGED UP. KELLY UP TO CLEAR PIPE. WAIT ON CMTERS.
				.
				WATER: 1900/68,975 WEATHER: CLEAR & DRY AM, LIGHT SNOW JUST STARTED AT 0400 HRS. TEMP. 10 ABOVE.
01/06/95	1795.	05:00	06:30	WAITING ON DOWELL, PIPE @ 1,035'.
				.
		06:30	08:00	RIG UP & CMT WITH 600 SX. 65/35 POZ + 2% CACL2, .25#/SX CELLOFLAKE,MIXED @ 12.7 PPG DISPLACED WITH 5 BBLS. WATER.
				.
		08:00	08:30	TRIP OUT, FIRST 30' PULLED 50 K OVER.
				.
		08:30	15:30	WAIT ON CEMENT
				.
		15:30	18:30	TRIP IN, TAG CMT. @ 690'.KELLY UP & CIRCLATE WITH 350 GPM. HOLE TAKING FLUID, MID 60 BBL LCM PILL. SPOT IN ANNULUS.
				.
		18:30	19:30	RIG UP DOWELL & CMT WITH 30 BBLS. WATER AHEAD, 130 SX. CLASS "G" + 1 % CACL2. MIXED @ 15.9, DISPLACED WITH 4 BBLS. WATER, PLUG BALANCED.
				.
		19:30	21:00	LAY DOWN DRILL PIPE.
				.
		21:00	05:00	WAIT ON CEMENT
				.
				WATER: 0/68,975 WEATHER: LIGHT SNOW OFF/ON LAST 24 HRS. TOTAL ACCUMULATION-3-4". TEMP-15 DEG.
01/07/95	632.0	05:00	14:00	WAIT ON CEMENT
				.
		14:00	16:00	TRIP IN, TAG CMT. @ 587', DRILL CMT TO 599' WITH 10 K. NO ROTARY SET DOWN 50 K, DID NOT WASH OFF. GOOD PLUG.
				.
		16:00	16:30	TRIP
				.
		16:30	17:30	PICK UP 7.75" SINGLE STAGE DEL MAR MM. SET ANGLE @ 2 DEG.
				.
		17:30	18:00	TRIP
				.
		18:00	05:00	TIME DRILL 599'-632'.SAMPLE VERY POOR, BUT MUD CHANGING COLOR TO RED. RUNNING 2-6 WOB,25-50 DIFFERENTIAL WATER HAULED:6590/75,565 WEATHER:LIGHT SNOW & WIND AM.CLEAR & WINDY PM. TEMP. 28 ABOVE.
01/08/95	737.0	05:00	14:00	TIME DRILL 632'-667'.
				.
		14:00	14:30	SURVEY @ 610' .75 DEG. 299.5 AZM.
				.
		14:30	17:45	TIME DRILL 667'-698'.
				.
		17:45	18:15	SURVEY @ 641' .50 DEG. 18.5 AZM.
				.
		18:15	03:00	TIME DRILL 698'-730'.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 13 TO REPORT No. 18

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		03:00 03:30	SURVEY @ 673' .75 DEG. 39.5 AZM.
		03:30 05:00	TIME DRILL 730'-737'. RUNNING 20 WOB. 100 ROTARY, OFF OF PLUG BUT NOT BUILDING ANGLE AS PROJECTED. DRILLING WITH FULL RETURNS.
			WATER HAULED: 0/75,565
			WEATHER: HIGH WINDS LAST 24 HRS. NO NEW SNOW, TEMP-28 ABOVE, FRONT MOVING IN.

1-18-95

FORM 9

CONFIDENTIAL

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals	5. Lease Designation and Serial No. NA 6. If Indian, Allotee or Tribe Name NA 7. Unit Agreement Name NA
1. Type of Well: OIL (X) GAS ( ) OTHER:	8. Well Name and Number UPRR 27-1H 9. API Well Number 43-043-30306 30706
2. Name of Operator Union Pacific Resources Company	10. Field and Pool, or Wildcat
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	LODGEPOLE

4. Location of Well

Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT

QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM

State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 4, Week Ending January 16, 1995

Well Spudded December 21, 1994

RECEIVED
JAN 17 1995
DIV OF OIL, GAS & MIN...

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-01-16

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 20 TO REPORT No. 26

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
01/10/95	1110.	05:00	05:30	SURVEY @ 838' 5.25 DEG. 62.5 AZM.
		05:30	07:30	DRILL 870'-901'.
		07:30	08:00	SURVEY @ 869' 5.0 DEG. 62.5 AZM.
		08:00	10:45	DRILL 901'-933'.
		10:45	11:15	SURVEY @ 901' 4.75 DEG. 68.5 AZM.
		11:15	13:15	DRILL 933'-964'.
		13:15	13:45	SURVEY @ 932' 4.75 DEG. 69.5 AZM.
		13:45	16:00	DRILL 964'-996'.
		16:00	16:30	SURVEY @ 964' 4.75 DEG. 72.5 AZM.
		16:30	17:30	DRILL 996'-1000'.
		17:30	18:30	TRIP
		18:30	19:00	LAY DOWN IBS./MONEL,PICK UP RR BIT # 2, SHOCK SUB, 2- 8" D.C.S.
		19:00	20:00	TRIP IN, HOLE STAYED FULL
		20:00	24:00	DRILL 1000'-1057'.14.2 FPH. LOST 100 BBLS. MUD @ 1,003'-1,020', REGAINED FULL CIRCULATION.
		24:00	00:30	SINGLE SHOT SURVEY @ 1037' 4.75 DEG.
		00:30	05:00	DRILL 1057'-1110'. 11.7 FPH. DRILLING WITH FULL MUD RETURNS. . WATER HAULED: 0/75,565 BBLS. WEATHER: OVERCAST WITH LIGHT TO STRONG WINDS, NO SNOW LAST 24 HRS. TEMP 30 DEG.
01/11/95	1580.	05:00	05:30	SURVEY @ 1138' MISRUN
		05:30	07:30	DRILL 1,138'-1,151'. 6.5 FPH.
		07:30	08:00	SURVEY @ 1,101' 4.5 DEG.
		08:00	10:45	DRILL 1,151'-1,277'. 45.8 FPH. LOST ALL RETURNS @ 1060'-1064'. SWITCHED TO FRESH WATER, PUMPING 60 BBL. 60+VIS SWEEPS EVERY KELLY.DRILLING KELLY DOWN HALF WAY AND PICK UP TO TOOL JT.
		10:45	11:15	SURVEY @ 1,227' 4.0 DEG.
		11:15	14:00	DRILL 1,277'-1,403'. 45.8 FPH.
		14:00	14:30	SURVEY @ 1,353' 5.0 DEG.
		14:30	17:00	DRILL 1,403'-1,498'. 38.0 FPH.
		17:00	17:30	SURVEY @ 1,448' 4.0 DEG.
		17:30	18:00	SHORT TRIP TO 746'. NO DRAG.
		18:00	19:00	WASH DOWN 1,468'-1,498'. 20' FILL.
		19:00	21:00	DRILL 1,498'-1,559'. 30.5 FPH.
		21:00	23:30	STUCK PIPE ON BOTTOM, WORK FREE, IT ACTED LIKE A ROCK FELL IN RESULTING IN POOR CIRCULATION AROUND BTM D.C. PUMPED TWO HI VIS SWEEPS & REAMED KELLY SEVERAL TIMES, CLEANED UP O.K.
		23:30	00:30	DRILL 1,559'-1,580'.21 FPH.
		00:30	02:00	WORK STUCK PIPE, STALLED ROTARY WHILE DRILLING, NO PIPE MOVEMENT, REGAINED ROTARY, WORKED PIPE UP 4'.CAME FREE.
		02:00	02:30	PUMP TWO JTS. OUT,NO DRAG,BLOW KELLY OUT
		02:30	05:00	TRIP TO CHECK BIT FOR MUD RINGS,BALL. NO TIGHT SPOTS OR DRAG. BIT,BHA O.K. TRIP IN . TOTAL WATER HAULED: 12,480/91,420 WATER IN RESERVE: 10,000 . WEATHER: HIGH WINDS AM. SNOW,WINDS PM. TEMP: 28 ABOVE.
01/12/95	1970.	05:00	05:30	WASH/REAM 1,520'-1,580'.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 20 TO REPORT No. 26

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		05:30 07:00	CIRCLULATE & CONDITON TIGHT HOLE, 1,550'-1,580'.
		07:00 14:30	DRILL 1,580'-1,714'. 17.8 FPH.
		14:30 15:00	SURVEY @ 1,669' 2.0 DEG.
		15:00 05:00	DRILL 1,714'-1,970'. 18.2 FPH.
			WATER HAULED: 14,500/105,820 WATER IN RESERVE: 4000 BBLS.
			WEATHER: LIGHT SNOW AM. CLEAR PM. NO WIND LAST 24 HRS. TEMP 20 ABOVE.
01/13/95	2015.	05:00 07:00	DRILL 1,970'-2,015'. 22.5 FPH.
		07:00 08:00	CIRCULATE FOR CSG, PUMP TWO 60 BBL. 60 VIS SWEEPS.
		08:00 09:30	TRIP TO D.C.'S, NORMAL DRAG.
		09:30 10:30	CIRCULATE, SURVEY, SPOT 250 BBLS. 45 VIS MUD.
		10:30 12:00	TRIP SLM 2,017'. SURVEY 2 DEG. @ 1,993'.
		12:00 14:30	RIG UP C.E.R. RUN 45 JTS. 10.75",40.5#/FT STC CSG.TORQUED TO 5600 FT/LBS. 10 CENTRALIZERS.
		14:30 16:00	RIG UP DOWELL, WASH CSG. DOWN FROM 1,995' TO 2,009'.(BTM) SHOE @ 2,009', FC @ 1,964'.
		16:00 18:00	TEST LINES TO 3000#,PUMP 10 BBLS. WATER AHEAD, 605 SX. 65:35 POZ + 6% D-20, 2% CACL2, .25 PPS CELLO FLAKE. MIXED @ 12.7 PPG, YIELD 1.79,SLURRY -191 BBLS. TAILED IN WITH 250 SX CLASS "G" + .25# PPS CELLO FLAKE, MIXED @ 15.8 PPG. YIELD-1.16,SLURRY-51 BBLS.DROP TOP PLUG & DISPLACE WITH 193 BBLS. WATER, BUMPED PLUG TO 1000#.FLOATS O.K. NO RETURNS THROUGH OUT JOB.
		18:00 02:00	WAIT ON CEMENT
		02:00 03:00	RUN 1" DOWN BACK SIDE TO 100'. MIX & PUMP 605 SX. 65:35 POZ + 6 %D-20, 2% CACL2, .25 PPS CELLO FLAKE. MIXED @ 12.7 PPG. NO RETURNS.
		03:00 05:00	WAIT ON CEMENT
			WATER:8000/113,820 WATER IN RESERVE: 4000 BBLS. WELL HEAD EQUIP. ON LOCATION.
			WEATHER: CLEAR & COOLER, TEMP 25 ABOVE.
01/14/95	2015.	05:00 07:00	WAIT ON CEMENT
		07:00 07:30	MIX & PUMP 350 SX. CLASS "G" + 2 % CACL2

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 20 TO REPORT No. 26

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			THROUGH 100' OF 1" DOWN BACK SIDE. NO RETURNS.
		07:30 11:00	WAIT ON CEMENT
		11:00 16:00	CUT OFF, WELD ON 11"-3000# FMC STARTER HEAD, COOL OFF & TEST WELD TO 1000#.
		16:00 02:30	NIPPLE UP DSA,MUD CROSS, DOUBLE GATE, HYDRILL & BELL NIPPLE. PUMP WATER DOWN ANNULUS,HOLDING WATER,DUMP 12 YDS. PEA GRAVEL DOWN SAME.RAN OUT OF GRAVEL WILL TOP TODAY WITH GRAVEL & CMT.
		02:30 05:00	TEST BOPS & ALL RELATED EQUIP. TO 3000# & 250#.
			WATER: 0/113,820 WEATHER: CLEAR,LIGHT BREEZE,TEMP 25 ABOVE.
01/15/95	2052.	05:00 07:30	TEST BOPS
		07:30 08:30	SET WEAR BUSHING,RUN WIRE LINE DOWN ANNULUS TO 500' + .
		08:30 10:00	PICK UP B.H.A. TRIP IN
		10:00 10:15	TEST CASING TO 1000#.
		10:15 11:00	DRILL CEMENT/FLOAT EQUIP.
		11:00 12:30	DRILL 2,009'-2,052'.
		12:30 15:30	LOST 75 BBLS. MUD, PULL UP TO CSG. MIX & SPOT 60 BBLS. 20% LCM. PILL.REGAINED FULL RETURNS, SEEPING 5-10 BBLS. /HR. WITH PUMP OFF. BUILD VOLUME & LET HOLE HEAL UP.
		15:30 18:00	CEMENT ANNULUS WITH 400 SX. CLASS "G" + 3% CACL2, MIXED @ 15.6-16.0 PPG. PUMPED THROUGH 1" AT 180'. NO RETURNS.
		18:00 22:00	RUN GRYO SURVEY THROUGH DRILL PIPE.
		22:00 02:00	WAIT ON CEMENT
		02:00 03:00	CEMENT ANNULUS WITH 100 SX. CLASS "G" + 3% CACL2,,.25#/SX. CELLO FLAKE. PUMPED THROUGH 1" AT 160'. GOOD CMT. RETURNS TO SURFACE. WATCHED FOR 1/2 HR. NO FALL BACK.
		03:00 05:00	WAIT ON CEMENT
			WATER: 100/113920 WEATHER: AM WINDY,OVERCAST.PM LIGHT TO HEAVY SNOW FALL WITH STRONG WINDS, TEMP-28 ABOVE. SNOW FALL -4-6".
			RIGGED UP CENTRIFUGE
01/16/95	2410.	05:00 10:30	DRILL 2,52'-2,160'. 19.6'/HR.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 20 TO REPORT No. 26

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
		10:30	11:30	LOST 100 BBLS. MUD, SPOT LCM. PILL, BUILD VOLME
		11:30	12:30	DRILL 2,160'-2,190'.
		12:30	13:30	SURVEY @ 2140' 1.25 DEG. XO SAVER SUB.
		13:30	16:30	DRILL 2,190'-2,317'.42.3'/HR.
		16:30	18:30	LOST 100 BBLS. SPOT LCM PILL, WAIT 1/2 HR. ATTEMPT TO CIRCULATE,NO RETURNS, SPOT 2 ND. PILL, REGAIN CIRCULATION.
		18:30	18:45	DRILL 2,317'-2,322'.
		18:45	19:00	LOST ALL RETURNS, SPOT 60 BBL. LCM. REGAINED CIRCULATION. TOTAL LOST 100 BBLS.
		19:00	21:00	DRILL 2,322'-2,410'. 44'/HR.
		21:00	03:00	LOST RETURNS @ 2,390' IN DRILLING BREAK THAT WAS DRILLING @ .5 PMF WITH 2K WOB.DRILLED THROUGH BREAK.LOST 250 BBLS. SPOT 60 BBLS. LCM PILL.DUE TO ALL THE LOST MUD & ADDITIONS OF WATER, MUD SYSTEM VIS DOWN TO 29, WE ARE NOW MIXING MUD TO GET A 34-36 VIS & 10-12 PPB. LCM IN SYSTEM.
		03:00	03:00	SURVEY @ 23260 ' 1.0 DEG.
		03:00	05:00	CONTINUE BUILDING VOL. & ADDING LCM. SHOULD BE READY TO CIRCULATE @ 0600 HRS.
				WATER: 100/114,020 WEATHER: CLEAR, NO WID, TEMP 28 ABOVE. TOTAL SNOW FALL -18".

FORM 9

CONFIDENTIAL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-~~306~~ 30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 5, Week Ending January 23, 1995

Well Spudded December 21, 1994

RECEIVED
JAN 24 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-01-23

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 27 TO REPORT No. 33

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
01/17/95	2535.	05:00 07:00	BUILD MUD VOLUME,VIS UP TO 36.
		07:00 10:00	PUMP 3-60 BBLS. 20 PPB.LCM PILLS, ATTEMPT TO FILL HOLE WITH 200 BBLS. MUD. NO RETURNS & NO INCREASE PSI.
		10:00 13:00	TRIP OUT,REMOVE BIT, TRIP IN.
		13:00 16:30	MIX 25#/BBL. VEN PLUG & SPOT.
		16:30 17:30	TRIP OUT
		17:30 19:30	WAIT ON VEN PLUG.
		19:30 20:30	PICK UP BIT, TRIP IN TO CSG. SHOE.
		20:30 21:30	PUMP 60 BBL. LCM PILL WITH 10#/BBL MAGMAFIBER, 12#/BBL. MAXI SEAL,12#/BBL. CEDAR FIBER. FOLLOWED BY 200 BBLS. WATER. NO RETURNS OR PUMP PSI INCREASE.
		21:30 22:30	TRIP 12 STANDS, TRIP IN.
		22:30 02:30	DRILL 2,410' 2,535' 31.5'/HR 25-30 WOB, 5-6 BPM, 200 STAND PIPE, NO RETURNS.PUMPING 30 BBL. LCM PILLS EVERY 30'.
		02:30 04:00	TRIP TO SET CMT. PLUG
		04:00 05:00	PICK UP 16 JTS. D.P.
			WATER:0/114,020 ROTATING:4/191.25 SHOCK SUB:4/58.25 BHA INSPECTION:4/113.75 3-PT REAMERS:4/15.25
			WEATHER: LIGHT SNOW LAST 24 HRS. 2".TOTAL THIS STORM -20". TEMP 20 ABOVE.
01/18/95	2535.	05:00 06:00	TRIP IN OPEN ENDED TO 2515'.
		06:00 08:00	WAITING ON DOWELL, STUCK BOTTOM OF HILL
		08:00 09:00	RIG UP DOWELL, MIX & PUMP 400 SX. CLASS "G" + 2% CACL2, .25#/SX CELLO FLAKE, MIXED @ 15.8-16 PPG. 10 BBLS. WATER AHEAD, 5 BEHIND.
		09:00 10:30	TRIP OUT
		10:30 16:30	WAIT ON CEMENT
		16:30 17:00	FILL HOLE FROM TOP WITH 145 BBLS. WATER, HOLDING, FILL UP 1500'.
		17:00 19:30	TRIP IN,TAG SOFT CMT. @ 2,304'.
		19:30 20:30	DRILL CMT. TO 2,320' LOST ALL RETURNS. 2,304'-2,315' -6-8 WOB. GOOD CMT. 2,315'-2,325' SOFT CMT.
		20:30 22:30	PULL 2 STANDS, CLEAN SUCTION TANK,FILL WITH WATER.
		22:30 01:00	DRY DRILL CMT. TO 2,424', 8-10 WOB. 5-6 BPM.
		01:00 02:30	WORK TIGHT HOLE, 100K OVER. CLEANED UP, SPOT 60 BBLS. 38 VIS LCM PILL,WITH

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 27 TO REPORT No. 33

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			10 PPB MAGNA FIBER. 6 PPB MAXISEAL/CEDAR.
		02:30 05:00	PLUGED JETS, TRIP OUT.
			WATER:0/114.020 ROTATING:0/191.25 SHOCK SUB:0/58.25 BHA INSPECTION:0/113.75 3-PT. REAMERS:0/15.25
			WEATHER:CLEAR, TEMP 20 ABOVE.
01/19/95	2535.	05:00 05:30	POOH W/ PLUGGED JETS
		05:30 07:00	DUMP LCM DOWN HOLE FROM TOP SIDE.33 SKS MULTI SEAL + SACKS. HOLE FILL UP W/ FLUID.
		07:00 12:30	RIH W/ BIT #9. BRIDGE AT 1700 FT. PLUGGED JETS. UNPLUG JETS. WASH THROUGH LCM BRIDGE.LOST RETURNS.
		12:30 13:30	POOH, SET BHA BACK.
		13:30 15:30	RIH W/ DP OPEN ENDED, PU 14 JTS DP.
		15:30 16:30	SET CEMENT AT 2520 FT. PUMPED 600 SKS CLASS G + 2% CACL. + 1/4 PPS CELLOFLAKE. 1.15 YLD + 15.8 PPG. DIDNOT GET RETURNS WHILE CEMENTING.
		16:30 17:30	POOH,LD 14 JTS DP.HAD FLUID ON 4 STD. FLUID LEVEL AT 400 FT.
		17:30 24:00	WAIT ON CEMENT.FILL HOLE FROM TOP SIDE AFTER 6.5 HRS. TOOK 51 BBLS FLUID.
		24:00 01:00	RIH W/ BIT TAGGED CEMENT AT 2249 FT.
		01:00 01:30	WASH FROM 2249 TO 2267 FT.NO ROTARY.ROTATE 2267 TO 2273 FT. 6 FT.CEMENT TO GREEN TOOK NO WT.TO DRILL.
		01:30 02:00	CIRC. HOLE CLEAR.
		02:00 02:30	PULL UP INTO CSG.
		02:30 05:00	WOC. WATER:0/104,090 BBLS. ROTATING 0/191.25 SHOCK SUB 0/58.25 HRS. BHA INSPECT.0/113.75 HRS
01/20/95	2535.	05:00 05:30	RIH TAG CEMENT AT 2273'.
		05:30 07:30	DRILL CEMENT 2273-2350. LOST RETURNS 2250-2354'.
		07:30 08:00	SPOT 60 BBL 10# LCM PILL AT 2354'.REGAIN RETURNS.
		08:00 14:30	DRILL CEMENT 2354-2399'.LOST RETURNS 2390-2399 DRILL FROM 2399-2529 FT. NO RETURNS.
		14:30 15:30	POOH.

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH

WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 27 TO REPORT No. 33

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		15:30 20:30	WO CEMENT AND CEMENT RETAINER.
		20:30 21:30	UNLOAD AND MAKE EZ DRILL RETAINER.
		21:30 22:30	RIH SET EZ DRILL RETAINER AT 1944 FT.FILL BACKSIDE.
		22:30 24:00	HOOKUP DOWELL,PUMP 10 BBLS WATER AHEAD. + 800 SKS CLASS G + 2% CACL + 1/4 PPS CELLOSEAL. 1.15 YLD. 15.8 PPG.DISPLACE W/ 31 BBLS WATER. STING OUT LEAVE 3 BBLS SLURRY ON TOP OF TOOL.
		24:00 05:00	POOH LD LD SETTING TOOL. (WOC)
			WATER 8500/112,590 BBLS ROTATING 0/191.25 HRS SHOCK SUB O/58.25 HRS BHA INSPECT.0/113.75 HRS. 3 PT REAMER 0/15.25 HRS WEATHER CLEAR,+10 DEG, NO SNOW
01/21/95	2535.	05:00 12:00	WAIT ON CEMENT PLUG #3 IN 9 7/8 HOLE.
		12:00 14:00	RIH W/ RETIP FDS BIT. TAG RETAINER AT 1944'. NO CEMENT ON TOP OF RETAINER.DRILL UP RETAINER.
		14:00 24:30	DRILL CEMENT.GOOD CEMENT 1947 TO 2010. 2-4 MPF. SOFT CEMENT 2010-2080 LESS THEN A MPF. GOOD CEMENT 2080-2250. 2 MPF...LOST 50% RETURNS 2300 TO 2380. LOST FULL RETURNS AT 2380.
		24:30 02:30	PU OFF BOTTOM. MIX AND PUMP 100 BBL 16 PPB LCM. REGAINED FULL RETURNS. LET SET TO HEAL.MIX AND PUMP SECOND 16 PPB LCM PILL.
		02:30 03:00	DRILL 2380-2396 LOST 50% OF RETURNS. DRLG BRK 2390 TO 2396.LESS THEN A MPF.
		03:00 04:30	MIX AND PUMP 100 BBL 16# PPB LCM PILL. PLUS MIX ANOTHER 100 BBL PILL. HOLE STAYS FULL WHILE MIXING PILLS.
		04:30 05:00	DRILL 2396 TO 2427 FT. DRLG BRK 2406 TO 2427 LOST FULL RETURNS AT 2425. PU OFF BOTTOM HOLE STAYS FULL. WILL NOT CIRC.
			WATER 0/112,590 BBLS. ROTATE 0/191.25 HRS. SHOCK SUB 0/58.25 HRS. BHA INSPECT.0/113.75 HRS. 3 PT.REAMERS 0/15.25 HRS. WEATHER +5 DEG. NO PRIC.LAST 24. CLEAR & COLD
01/22/95	2709.	05:00 06:30	LOST RETURNS AT 2390 TO 2400 FT. MIX AND PUMP PILL #5 & #6 16# PPB LCM. REGAINED CIRC.
		06:30 07:30	DRILL CEMENT/TO 2406. OPEN HOLE FROM 2406 TO 2535 FT.

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH

WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 27 TO REPORT No. 33

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		07:30 11:30	DRILL 2535-2675 140 FT. 35 FPH.
		11:30 12:00	SURVEY 2625' MISRUN.
		12:00 13:30	DRILL 2675-2706 FT 31 FT. 20.66 FPH
		13:30 14:00	SURVEY AT 2656 1 1/2 DEG.
		14:00 14:30	DRILL 2706-2709 FT NO RETURNS. LOSS CIRC AT 2685 TO 2698 FT.
		14:30 18:00	MIX AND PUMP 2 100 BBL LCM PILLS OF 16 PPB. POOH W/ 3 STDS. MIX AND PUMP #3 AND #4 LCM PILL PLUGGED JETS.
		18:00 20:00	POOH WET W/ PLUGGED JETS.
		20:00 22:00	UNPLUG BIT AND BIT SUB, PU BIT #10,RIH TO 2596.
		22:00 05:00	MIX AND PUMP 2 120 BBL 18 PPB LCM PILLS. PLUS MIX AND PUMP 2 120 BBL 20 PPB PILLS. WATER 0/112,590 BBLS, ROTATE 6/197.25 HRS. SHOCK SUB 0/58.25 HRS. BHA INSPECT. 6/119.75 HRS 3 PT. REAMER 0/15.25 HRS WEATHER +4 DEG ,NO PRECIP. LAST 24 HRS.
01/23/95	3014.	05:00 09:00	MIX AND PUMP 3 120 BBL 20 # LCM PILLS. PLUS MIX AND PUMP 1-24 # LCM PILL..HAD FLUID UP IN BOPS BUT WOULD NOT CIRC.
		09:00 12:00	REAM FROM 2616 TO 2709 FT.
		12:00 15:00	DRILL 2709 TO 2799 FT, W/ NO RETURNS.
		15:00 17:30	MIX AND PUMP 240 BBLS 28# COTTON SEED HAUL AND SAWDUST PILL.HOLE WAS VACUUM NEVER GOT ANY DIFFERENTIAL. PUMP PRESS. 120 PSI.
		17:30 02:00	DRILL 2799 TO 3014 FT. NO RETURNS. RUN 50 BBL. 40 VIS SWEEP EVERY 30 FT.BIT TORGUED UP.
		02:00 02:30	SURVEY AT 2968 1 1/4 DEG.
		02:30 05:00	TRIP FOR BIT. WATER 0/112,590 BBLS. PROD. WATER. ROTATE 11.5/208.75 HRS. SHOCK SUB. 0/15.25 HRS. BHA INSPECT. 11.5/131.25 HRS. 3 PT REAMER O/15.25 HRS. WEATHER+10 DEG. NO PRECIP. LAST 24.CLEAR & COLD .....(HAULING PROD. WATER)

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. test Report

B.O.P test performed on (date) 1/14/95

oil company UPRC

Well name & number UPRR 27-1H 43-043-30306

section 27

township 2N

Range 6E

county Summit Utah

Drilling contractor CARDINAL 16

oil company site Representative Bob Williams

Rig tool pusher Leo

tested out of Evanston

Notified prior to test yes

copies of this test Report sent to: UPRC

CARDINAL

state

Blue

original chart & test Report on file at:

Below

Tested by: DOUBLE JACK TESTING & SERVICES, INC.
108 PARKVIEW ROAD
P.O. BOX 2097
EVANSTON, WYOMING 82930

Double Jack Testir & Services Inc.

FIELD TICKET
Nº 11427

Accounting Office: P.O. Box 516 Shoshoni, WY 82649 • (307) 876-9390

Field Operations:
Shoshoni, WY (307) 876-2308
Rock Springs, WY (307) 382-4020
Evanston, WY (307) 789-9213
Vernal, UT (801) 781-0448

DATE 1/14/95
OPERATOR U.P.R.C.
RIG NAME & NO. Cardinal 16
WELL NAME & NO. UPRR 27-1H

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
Summit	Utah	27	2N	6E

Items Tested:

	LOW TEST PSI	TIME HELD MINUTES	HIGHTEST PSI	TIME HELD MINUTES
Top Pipe Rams	250	5 Min	3000	10 Min
Bottom Pipe Rams				
Blind Rams	250	5 Min	3000	10 Min
Annular B.O.P.	250	5 Min	2500	10 Min
Choke Manifold	250	5 Min	3000	10 Min
Choke Line	250	5 Min	3000	10 Min
Kill Line	250	5 Min	3000	10 Min
Super Choke	250	5 Min	3000	10 Min
Upper Kelly	250	5 Min	3000	10 Min
Lower Kelly		5 Min	3000	10 Min
Floor Valve	250	5 Min	3000	10 Min
Dart Valve	250	5 Min	3000	10 Min
Casing	Rig	Will	Test	

Closing Unit PSI 3000
Closing Time of Rams 7 sec
Closing Time of Annular 17 sec
Closed Casing Head Valve Yes
Set Wear Sleeve Yes

COMMENTS

ADDITIONAL TESTS & COMMENTS

TEST PLUG 10" C-22 OCT
RET. TOOL On location XH
TOP SUB. 4½ IF
KELLY SUB. 4½ IF
X-OVER SUB. 4½ XH x 4½ IF

RATES

UNIT RATES 700.00 for the first 8 hrs on location 7:30 am - 8:30
ADDITIONAL Ø
MILEAGE 120 miles Round trip mileage from Evanston @ 1.00
METHANOL 50 Gallons used to test with @ 1.00 manifold @ 1.00
OTHER

AFE-17076
PURACHASE ORDER #

Tom Jeffries
TESTED BY

Bob Williams
COMPANY REPRESENTATIVE

134
DOUBLE JACK TESTING UNIT NUMBER

NOTICE TO ALL CUSTOMERS

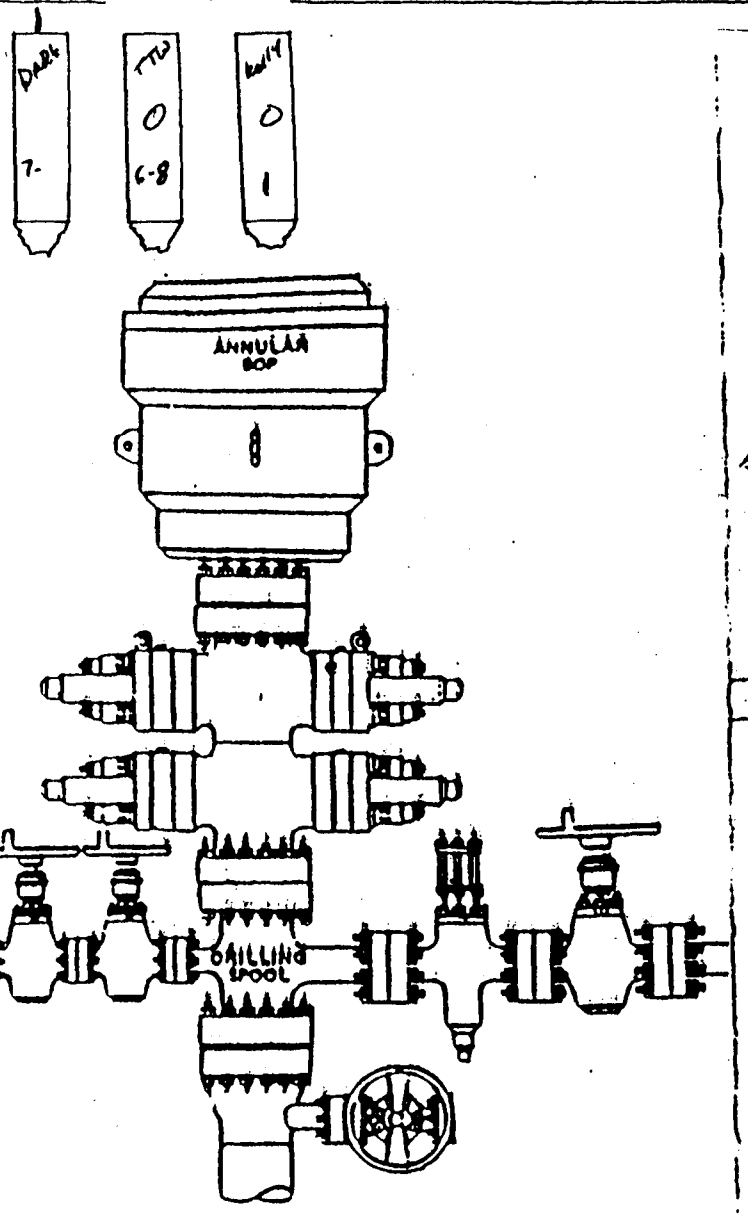
If this account shall not be paid when due and it is placed with an attorney for collection, or if suit be instituted for collection, the undersigned agree(s) to pay in including attorney's fees and court cost in compliance with TRUTH IN LENDING AND THE UNIFORM CONSUMER CREDIT CODE, the following informa accounts, all amounts for service due and payable within THIRTY (30) DAYS from the receipt of an invoice for such services. A LATE CHARGE will be ass THE LATE CHARGE is computed by a "periodic rate" 1-3/4% PER MONTH which is an ANNUAL PERCENTAGE RATE OF 21% to the previous balanc credit can be extended on unpaid delinquent accounts until the delinquent account is paid in full. The contractor will not be held liable for damages caused that could not be reasonably anticipated in performing the work done as set forth above.

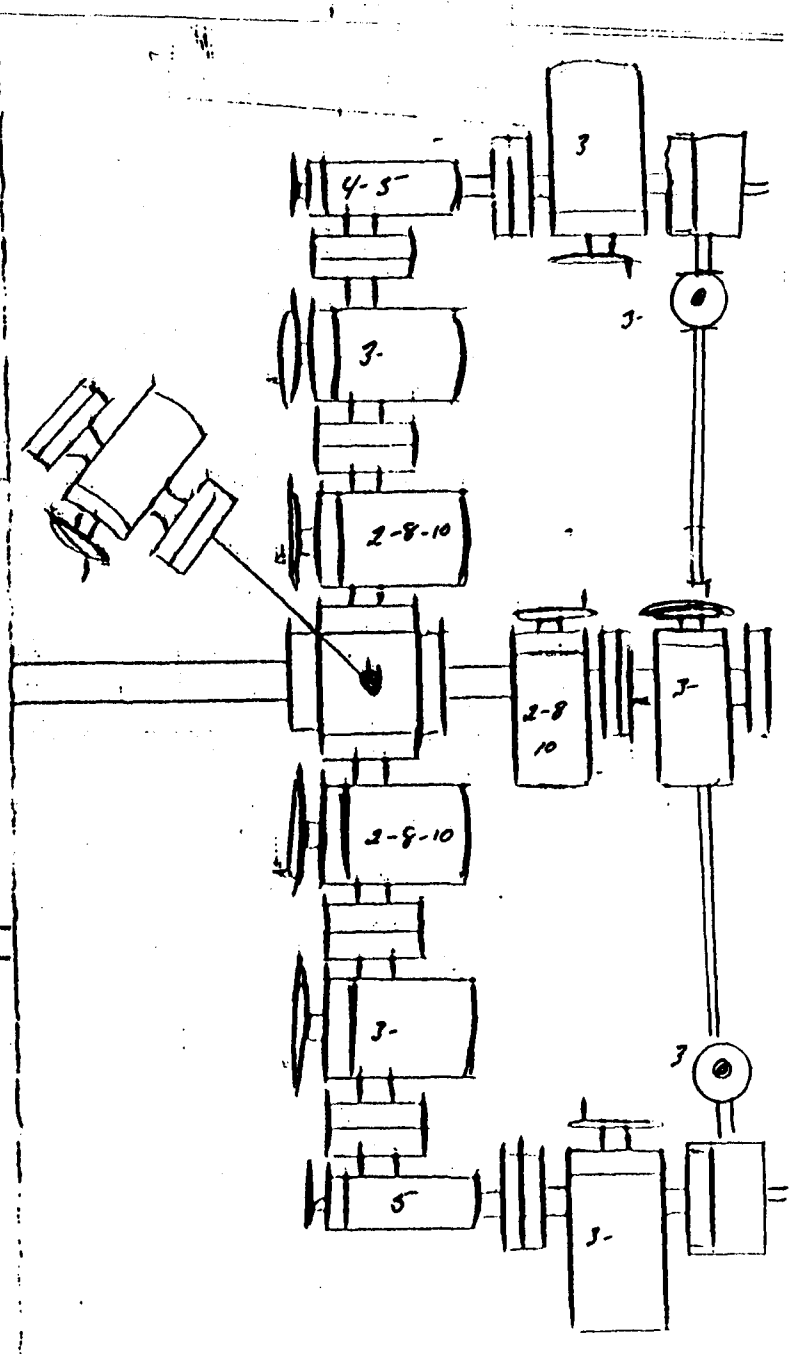
DOUBLE JACK TESTING

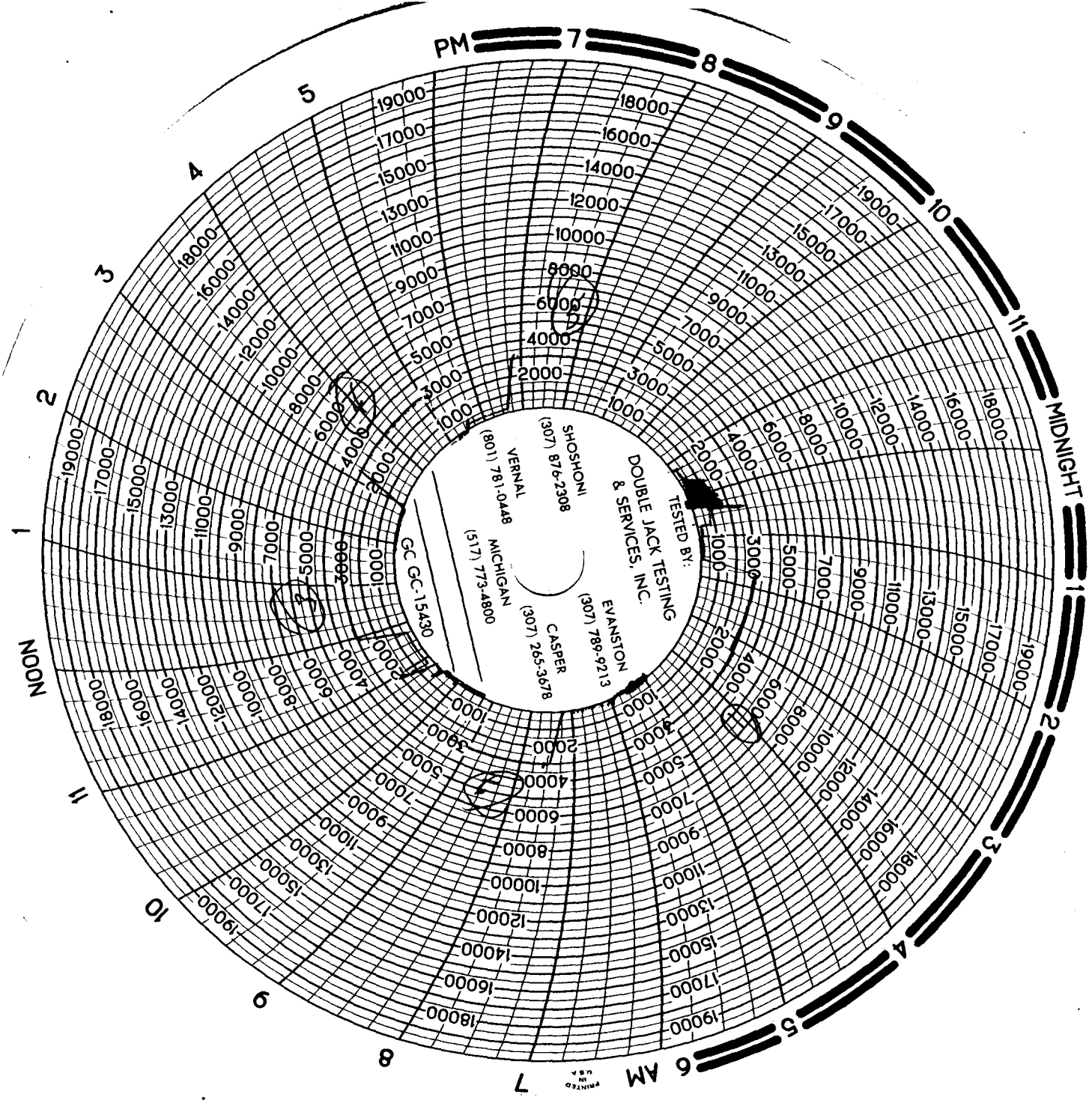
DATE 1/14/95
OPERATOR UPRC

RIG CARDWELL 16
WELL UPRR 27-14

3:00	TEST #1	upper Kelly
3:41	TEST# 2	first 3 manifold valves
4:05	TEST #3	Outside valves
4:26	TEST #4	manual choke
4:39	TEST #5	Upper Choke & manual choke
5:22	TEST #6	pipe Rams inside kill inside manual Choke TIW
6:13	TEST #7	pipes DART HCR outside kill line valve
6:25	TEST #8	pipes DART Inside manifold valves valve
6:57	TEST #9	Hydril 2500 PSI
7:21	TEST#10	Blinds inside kill first 3 manifold valves
	TEST#11	
	TEST#12	



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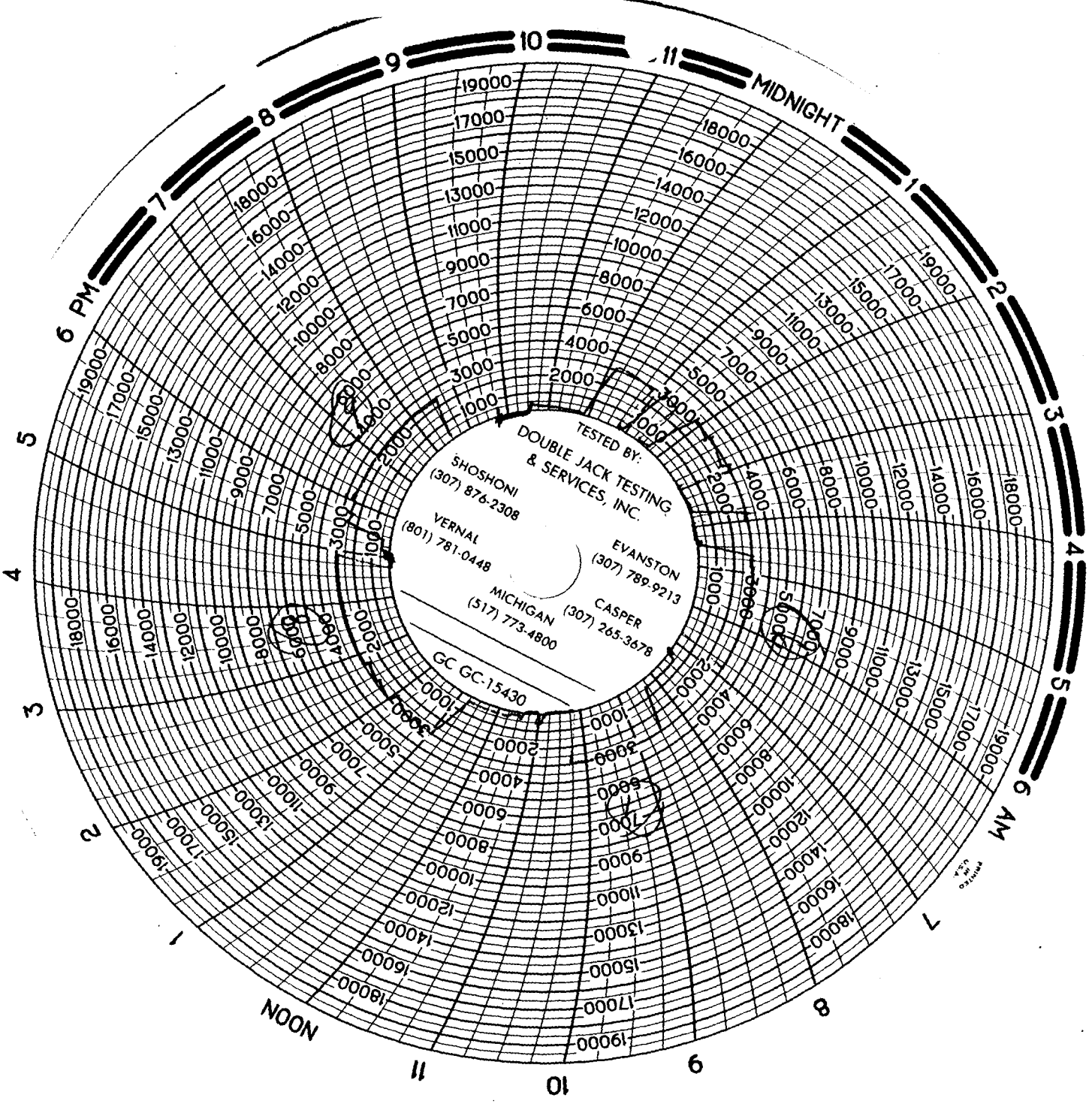
DOUBLE JACK TESTING
& SERVICES, INC.
TESTED BY:
SHOSHONI
(307) 876-2308
VERNAL
(801) 781-0448
MICHIGAN
(517) 773-4800
CASPER
(307) 265-3678
EVANSTON
(307) 789-9213
GC GC-15430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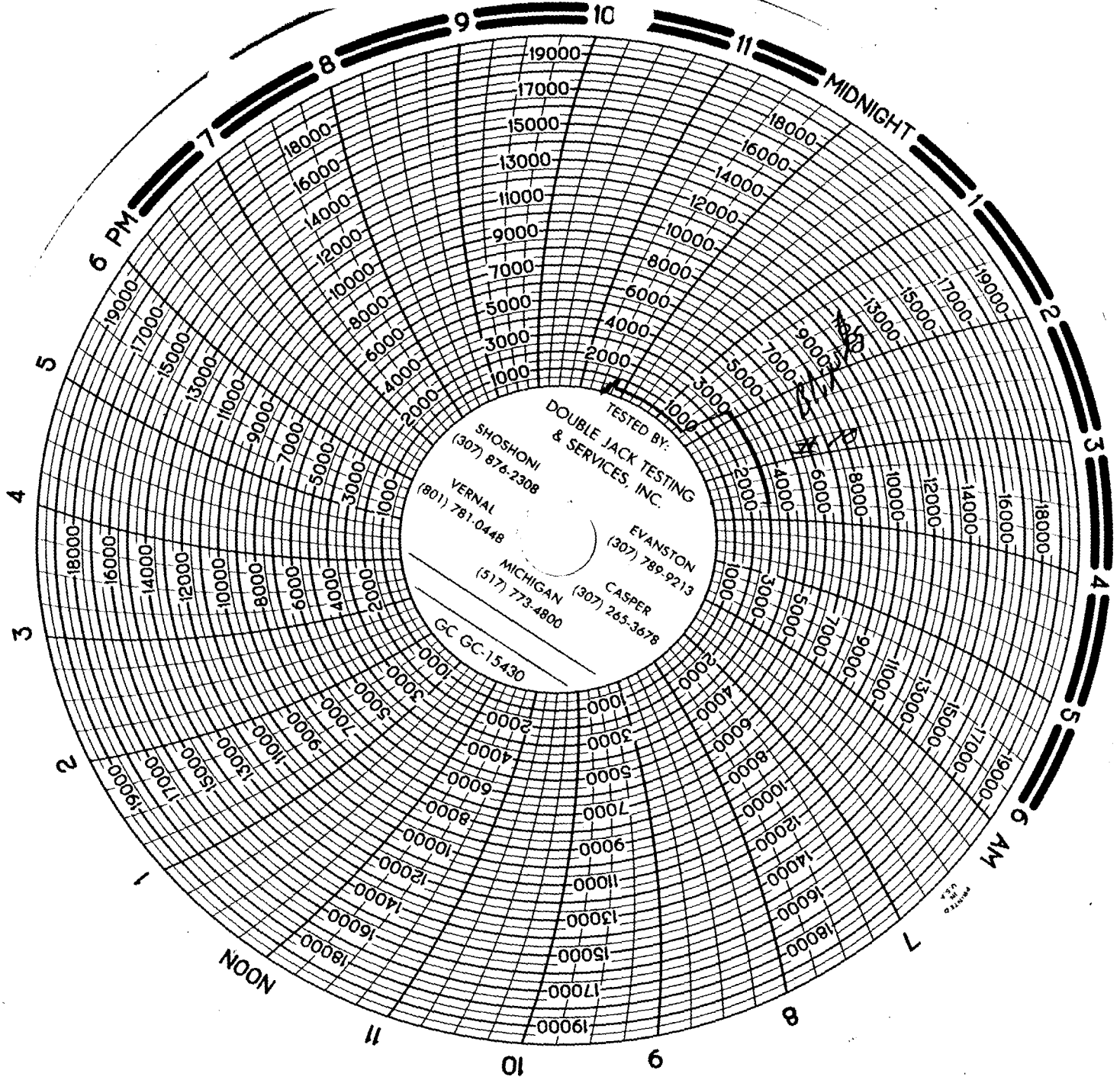
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MICHIGAN
(517) 773-4800
GC GC-15430
MIDNIGHT
6 AM
NOON
6 PM

1-31-95

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial No. NA
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals	6. If Indian, Allotee or Tribe Name NA 7. Unit Agreement Name NA
1. Type of Well: OIL (X) GAS ( ) OTHER:	8. Well Name and Number UPRR 27-1H 9. API Well Number 43-043-30206
2. Name of Operator Union Pacific Resources Company	10. Field and Pool, or Wildcat
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	LODGEPOLE

4. Location of Well

Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT

QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Week Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 6, Week Ending January 30, 1995

Well Spudded December 21, 1994

RECEIVED
JAN 31 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-01-30

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 34 TO REPORT No. 40

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
01/24/95	3485.	05:00	06:00	RIH
		06:00	10:30	REAM OUT OF GAUGE 2905 TO 3014 FT
		10:30	05:00	DRILL 3014-3485 471 FT. 25.45 FPH. STARTED TO GET MORE SHALEY TYPE DRLG FROM 3200' VERY LITTLE DRAG ON CONN. 20 AMPS OF TORQUE OVER WHILE DRILLING. .....(384 SKS. OM SEAL ON LOCATION) WATER O/112,590 BBLS. PROD. WATER O/O BBLS. ROTATE 17.5/226.25 HRS. SHOCK SUB. 0/15.25 HRS. BHA INSPECT.24/155.25 HRS. 3 PT REAMER.0/15.25 HRS. WEATHER +20 DEG. CLEAR. NO PRECIP. LAST 24 HRS
01/25/95	4066.	05:00	07:30	DRILL 3485-3548 25.2 FPH. NO TIGHT CONN.
		07:30	08:00	SURVEY 3500 FT. 1 1/4 DEG.
		08:00	05:00	DRILL 3548-4066 FT 518 FT 24.66 FPH NO TIGHT CONN. NORMAL TORQUE WHILE DRLG. FRESH WATER 14120/144270 BBLS. PORD. WATER 3440/3440....BBLS ROTATE 23.5/249.75 HRS. SHOCK SUB 0/15.25 HRS. BHA INSPECT.23.5/178.75 HRS. 3 PT REAMER 0/15.25 HRS. WEATHER +20 DEG. NO PRECIP. LAST 24 HRS.
01/26/95	4285.	05:00	05:30	DRILL 4066-4079 13FT 26 FPH
		05:30	06:30	SURVEY 4029 1 DEG.
		06:30	07:30	DRILL 4079-4102 23 FT 23 FPH.
		07:30	09:00	WIPER TRIP TO CSG. RIH HAD 7 FT. FILL.
		09:00	17:30	DRILL 4102-4232 130 FT.15.29 FPH.
		17:30	20:30	POOH CHANGE BITS, RIH W/ BHA.
		20:30	21:30	SLIP & CUT DRILL LINE
		21:30	22:30	RIH. TO 4045.
		22:30	02:30	REAM 4045-4232. 187 FT.
		02:30	05:00	DRILL 4232-4282 FT 50 FT. 20 FPH. FRESH WATER16580/160850 BBLS PROD. WATER 3450/6890 BBLS ROTATE 12.5/262.25 HRS.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 34 TO REPORT No. 40

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			SHOCK SUB. O/15.25 HRS. BHA INSPECT.12.5/191.25 HRS. 3PT.REAMER 0/15.25 HRS. WEATHER +30 DEG. SKIFF OF SNOW. CLOUDY.
01/27/95	4748.	05:00 21:00	DRILL 4285-4638 353 FT 22.06 FPH. STARTED TO GET RETURNS AT 0800 HRS. HAD 50% RETURNS AT 1200 HRS.
		21:00 23:30	MIX AND PUMP 100 BBLS 20# PPB OM SEAL PLUS MIX AND PUMP 100 BBLS 20# LIQUID CSG. STARTED W/ 50%. DIDNOT GAIN ANYMORE ON RETURNS.
		23:30 02:00	DRILL 4638-4701 63 FT 25.2 FPH.
		02:00 02:30	SURVEY 4651' 1 1/4 DEG.
		02:30 05:00	DRILL 4701-4748' 47 FT. 18.8 FPH. .....DRLG W/ 50% RETURNS.....
			FRESH WATER 0/160850 BBLS. PROD. WATER 0/6890 BBLS. ROTATE 21/283.25 HRS. SHOCK SUB 0/15.25 HRS BHA INSPECT. 21/212.25 HRS. 3 PT REAMER 0/15.25 HRS. WEATHER +18 DEG.,2" SNOW LAST 24 HRS.
01/28/95	5048.		
		05:00 14:00	DRILL 4748-4884 FT.136 FT.15.11 FPH. HAD 50 TO 60% RETURNS.
		14:00 16:00	MIXED AND PUMPED 100 BBL. PILL W/ 240 SKS MO SEAL. 50# PPB. FOLLOWED W/ 192 SKS LIQUID HAD 50% RETURNS WHILE SPOTTING AT 3500 TO 500 FT.
		16:00 19:00	BLOW KELLY, WORK FIRST STD.OUT. PULL INTO CSG. PUMPED 100 BBLS DOWN TOP SIDE.DIDNOT CIRC. AFTER PUMPING COULD SEE FLUID APPROX. 60-70 FT. FROM TOP. FLUID WAS FALLING BACK. POOH TO CK. BIT.
		19:00 21:00	CHANGE BITS, PU SHOCK SUB. RIH TO 4754.
		21:00 21:30	WASH/REAM 4754-4884 FT.HAD 15-20 % RETURNS.
		21:30 04:00	DRILL 4884 TO 5048 FT. HOLE PACKED OFF. HAD 0 TO 15 % RETURNS WHILE DRILLING.
		04:00 05:00	WORKING TIGHT HOLE. WORKING PIPE OUT A SINGLE AT A TIME
			FRESH WATER 9830/170680 BBLS PROD WATER 1820/8710 BBLS. .ROTATE 15.5/298.75 HRS. SHOCK SUB. 6.5/22. HRS. BHA INSPECT. 15.5/227.75 HRS. 3 PT. 0/15.25 HRS. WEATHER +20 DEG. SKIFF OF SNOW LAST 24 HRS.
01/29/95	5272.	05:00 11:00	WORK OUT OF TIGHT HOLE. HAD TO PULL OUT FROM 5048 TO 4000 FT.TO FREE UP.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 34 TO REPORT No. 40

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		11:00 16:00	WASH/REAM 4140 TO 4968. HAD 400 FT.OF FILL.
		16:00 20:30	HAD TO MIX AND PUMP HIGH VIS SWEEPS TO FINISH WASHING TO BOTTOM. RAISED PUMPS TO 160 SPM. 560 GPM.TO CLEAN HOLE. CIRC, W/ APPROX. 60% RETUNS.
		20:30 05:00	DRILL 5048-5272 FT 224 FT. 26.35 FPH. 60% RETURNS WHILE DRLG. MIX AND PUMP 60 BBLS. SWEEPS AS NEEDED.FLUID FALLS 200 FT ON CONN. FRESH WATER 0/170680 BBLS. PROD. WATER 0/8710 BBLS. ROTATE 8.5/307.25 HRS SHOCK SUB. 8.5/30.5 HRS. BHA INSPECT.8.5/236.25 HRS. 3 PT. REAMER 0/15.25 HRS. WEATHER +10 DEG. NO PREC. LAST 24 HRS.
01/30/95	5481.	05:00 17:30	DRILL 5172-5481 309 FT.24.72 FPH. RUNNING HIGH VIS. SWEEPS BACK TO BACK TO CLEAN HOLE TO RUN SURVEY.
		17:30 20:00	CIRC.SWEEP..RUN SURVEY ON 7 DEG TOOL. AT 5431' MISS RUN, RERUN W/7 DEG TOOL 7 DEG. AT 5431 FT. CIRC,,RERUN ON 14 DEG TOOL.AT 5460 FT.6 3/4 DEG
		20:00 01:00	POOH FOR DELMAR MM & SPERRY SUN MWD. RUN CK SHOTS ON SURVEY AT5129 FT. 7 DEG. PIPE PULLED TIGHT TO 4803. RUN CK AT 4664 FT 1 1/4 DEG AT 4664 FT. POOH LD SHOCK SUB.
		01:00 05:00	WO DELMAR MM AND SPERRY SUN MWD. FRESH WATER 0/170680 BBLS PROD WATER 0/8710 BBLS. ROTATE 12.5/319.25 HRS. SHOCK SUB 12.5/43 HRS. BHA INSPECT. 12.5/249 HRS. 3 PT. 0/15.25 HRS WEATHER +15 DEG, NO PRECIP LAST 24 HRS. CLEAR AND COLD.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-30306 30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other			
Approximate date work will start		Date of work completion	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 7, Week Ending February 6, 1995

Well Spudded December 21, 1994

RECEIVED
FEB - 7 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-02-06

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 40 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
01/30/95	5481.	05:00 17:30	DRILL 5172-5481 309 FT.24.72 FPH. RUNNING HIGH VIS. SWEEPS BACK TO BACK TO CLEAN HOLE TO RUN SURVEY.
		17:30 20:00	CIRC.SWEEP..RUN SURVEY ON 7 DEG TOOL. AT 5431' MISS RUN, RERUN W/7 DEG TOOL 7 DEG. AT 5431 FT. CIRC,,RERUN ON 14 DEG TOOL.AT 5460 FT.6 3/4 DEG
		20:00 01:00	POOH FOR DELMAR MM & SPERRY SUN MWD. RUN CK SHOTS ON SURVEY AT5129 FT. 7 DEG. PIPE PULLED TIGHT TO 4803. RUN CK AT 4664 FT 1 1/4 DEG AT 4664 FT. POOH LD SHOCK SUB.
		01:00 05:00	WO DELMAR MM AND SPERRY SUN MWD.
			FRESH WATER 0/170680 BBLS PROD WATER 0/8710 BBLS. ROTATE 12.5/319.25 HRS. SHOCK SUB 12.5/43 HRS. BHA INSPECT. 12.5/249 HRS. 3 PT. 0/15.25 HRS WEATHER +15 DEG, NO PRECIP LAST 24 HRS. CLEAR AND COLD.
01/31/95	5481.	07:00 09:00	WO DELMAR MM AND SPERRY SUN MWD.
		09:00 10:00	PU DELMAR MM.1 DEG FIXED. PLUS PU SPERRY SUN MWD.
		10:00 11:00	RIH W/ 17 STDS. TEST TOOLS. MWD DIDN,T WORK.
		11:00 13:00	POOH,WORK ON MWD. TEST BELOW TABLE.
		13:00 14:00	RIH W/17 STDS.
		14:00 17:30	SURVEY 500' INTERVALS FROM 2079 TO 4429 FT.
		17:30 20:30	SURVEY 94 FT INTERVALS. 4429-5087 FT,
		20:30 21:30	LD 12 JTS DP.
		21:30 05:00	CONTROL REAM FROM 4793 TO 5100 FT. TOOL FACE ORIENTED TO LOW SIDE. LITTLE TO NO RETURNS WHILE REAMING.
			FRESH WATER 2595/173,275 BBLS. PROD.WATER 0/7465 BBLS. CORRECTION OF 1245 BBLS ROTATE 0/319.25 HRS. SHOCK SUB 0/43 HRS BHA INSPECT. 0/249 HRS. 3 PT REAMER 0/15.25 HRS. WEATHER.+30 DEG. CLOUDY AND WARM. NO PRECIP,
02/01/95	5818.	05:00 14:00	CONTROL REAM FROM 5100-5481 FT.
		14:00 05:00	ROTATE 15 FT AND SLIDE 15 FT. FROM 5481 TO 5818 FT. 7 HRS ROT.FTGE.150 FT.AT 21.43 FPH. 8 HRS. SLIDE 187 FT AT 23.38 FPH

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 40 TO REPORT No. 46

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				.
				MIX AND PUMP 170 BBLS OF 40-45 VIS SWEEPS
				BACK TO BACK. DRILLING W/APPROX. 40% RETURNS.
				.
				FRESH WATER 0/173,275 BBLS
				BRIAN WATER O/7465 BBLS.
				ROTATE 15/334.25 HRS.
				SHOCK SUB.0/43 HRS.
				BHA INSPECT. 15/264 HRS.
				3 PT REAMER. 0/15.25 HRS
				WEATHER +35 DEG. LIGHT RAIN LAST 24 HRS.
				ROAD GETTING SOFT FOR WATER TRUCKS.
02/02/95	6245.	05:00	05:30	DRILL ROTATE 5,818'-5,828'.
		05:30	06:30	DRILL SLIDE 5,828'-5,849'.
		06:30	07:00	DRILL ROTATE 5,849'-5,859'.
		07:00	08:00	DRILL SLIDE 5,859'-5,881'.
		08:00	09:00	DRILL ROTATE 5,881'-5,891'.
		09:00	10:00	DRILL SLIDE 5,891'-5,912'.
		10:00	11:00	DRILL ROTATE 5,912'-5,922'.
		11:00	12:30	DRILL SLIDE 5,922'-5,943'.
		12:30	13:00	DRILL ROTATE 5,943'-5,953'.
		13:00	14:30	DRILL SLIDE 5,953'-5,975'.
		14:30	15:30	DRILL ROTATE 5,975'-5,985'.
		15:30	17:00	DRILL SLIDE 5,985'-6,006'.
		17:00	18:00	DRILL ROTATE 6,006'-6,016'.
		18:00	19:00	DRILL SLIDE 6,016'-6,037'.
		19:00	05:00	DRILL ROTATE 6,037'-6,245'. 21.3'/HR.
				.
				DRILLED LAST 24 HRS. WITH 40-50% RETURNS,
				PUMPING 100 BBL. HI VIS SWEEPS EVERY 30'.
				NO TIGHT CONNECTIONS.
				.
				WATER:0/173,275
				PROD. WATER:0/7465
				ROTATE:24/358.5
				SHOCK SUB:0/43 HRS
				BHA:24/288
				.
				WEATHER: AM,40-50 DEG. OVERCAST, PM. 25-35 DEG.
				WINDY THIS MORNING.
02/03/95	6539.	05:00	21:00	DRILL ROTATE 6,245'-6,539'.18.3'/HR.
				(SILDE-6358'-6379',6420'-6440'.)
		00:00		DRILLING WITH 50-65% RETURNS.
		21:00	23:30	TRIP FOR BIT. NO TIGHT SPOTS ON TRIP OUT.
				.
		23:30	24:00	CHANGE OUT NMDC,BIT
				.
		24:00	01:30	ORIENT MWD,SURFACE TEST.
				.
		01:30	05:00	TRIP IN, HIT BRIDGE @ 4,110' KELLY UP WASH
				THROUGH IN 3-4', NO RETURNS, TRIP IN TO
				4,227', HIT BRIDGE, WASH DOWN 3-4'.
				TRIP IN TO 6,469' HIT FILL, 70'.
				NOW PUMPING TO BREAK CIRCULATION.
				.
				WATER:27,889/201,164
				PROD WATER:3110/10,575
				ROTATE:16/374.5
				BHA:16/304

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 40 TO REPORT No. 46

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			.
			WEATHER: AM TEMP 45 DEG. SNOW GONE, MUD BACK
			PM TEMP-30 DEG. CLEAR.
02/04/95	7095.	05:00 06:30	WASH/REAM 6,469'-6,539'.
		06:30 09:30	DRILL ROTATE 6,539'-6,603'.21.3'/HR.
		09:30 11:00	DRILL SLIDE 6,603'-6,625'.14.6'/HR.
		11:00 12:30	DRILL ROTATE 6,625'-6,665'.26.6'/HR.
		12:30 13:30	DRILL SLIDE 6,665'-6,687'.22'/HR.
		13:30 14:00	DRILL ROTATE 6,687'-6,697'.20'/HR.
		14:00 14:30	DRILL SLIDE 6,697'-6,718'.42'/HR.
		14:30 16:30	DRILL ROTATE 6,718'-6,758'.20'/HR.
		16:30 17:30	DRILL SLIDE 6,758'-6,779'.21'/HR.
		17:30 23:30	DRILL ROTATE 6,779'-6,946'.27.8'/HR.
		23:30 00:30	DRILL SLIDE 6,946'-6,966'.20'/HR.
		00:30 05:00	DRILL ROTATE 6,966'-7,095'.28.6'/HR.
			.
			DRILLING WITH 85-95% RETURNS.LAST 24 HRS.
			.
			WATER:0/201,164
			PROD WATER:0/10,575
			ROTATE:22.5/397
			BHA:22.5/326.5
			.
			WEATHER:CLEAR & WARMING TREND,TEMP-30 DEG.
02/05/95	7511.	05:00 13:30	DRILL ROTATE 7,095'-7,288'.22.7'/HR.
		13:30 15:00	DRILL SLIDE 7,288'-7,309'.14'/HR.
		15:00 01:30	DRILL ROTATE 7,309'-7,504'.18.5'/HR.
		01:30 02:00	DRILL SLIDE 7,504'-7,511'.14'/HR.
			7,504'-7,511'. HAD TROUBLE WITH MOTOR
			STALLING,BIT TORQUEING.
			HAD 90% RETURNS TO 7,290',THEN LOST ALL
			RETURNS FROM 7,290'-7,511'.
		02:00 03:00	MIX & PUMP HI VIS PILL & SPOT ON BTM.
		03:00 05:00	TRIP FOR BIT/MOTOR.
			TIGHT SPOT @ 6036'-5,976'. KELLY UP &
			PUMP SINGLES OUT.PULLED 100K OVER.
			CONTINUE TRIPPING STANDS.
			.
			WATER:0/201,164
			PROD WATER:0/10,575
			ROTATE:21/418.5
			BHA:21/347.5
			MOTOR 77T097 118.5 HRS.
			.
			WEATHER: CLEAR, 30-5O ABOVE.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial No. NA
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals	6. If Indian, Allotee or Tribe Name NA 7. Unit Agreement Name NA
1. Type of Well: OIL (X) GAS ( ) OTHER:	8. Well Name and Number UPRR 27-1H 9. API Well Number 43-043-30830 30306
2. Name of Operator Union Pacific Resources Company	10. Field and Pool, or Wildcat
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	LODGEPOLE

4. Location of Well

Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT

QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM

State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start _____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 8, Week Ending February 13, 1995

Well Spudded December 21, 1994

RECEIVED

FEB 14 1995

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. S. Brazelton W. S. Brazelton Title: Senior Regulatory Analyst Date: 95-02-13

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 48 TO REPORT No. 54

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
02/07/95	8116.	05:00 09:30	DRILL ROTATE 7,095'-8,021'.25.7'/HR.
		09:30 11:00	DRILL SLIDE 8,021'-8,053'.21.3'/HR.
		11:00 13:30	DRILL ROTATE 8,053'-8,116'.25.2'/HR.
		13:30 17:30	TRIP FOR WIPER TRIP. TIGHT @ 6,155',KELLY UP WASH 80' OUT TO 6,075'.TRIP TO 5,875',TIGHT KELLY UP WASH TO 5,795'.TRIP OUT. STANDS 7 & 8 FROM TOP WERE SHINNED UP ON TOOL JTS. & TUBE. INDICATING EXESSIVE CSG. WEAR.
		17:30 21:30	WAITING ON DIA LOG TO RUN CSG. PROFILE LOG.
		21:30 03:00	RUN PORFILE LOG TO 752',LOG STOPPED.LOGGED OUT, LOG INDICATES SPLIT CSG. FROM 750'-680'. 15% CSG. REMAINING FROM 670'-620'. RUN 1 5/8" WEIGHTS & COLLAR LOCATOR TO TRY & GET PAST 752'. LOG STOPPED @ 752'.
		03:00 05:00	TRIP IN WITH BIT,MOTOR B.H.A. SET DOWN @ 752', ROTATE,UNABLE TO GO IN HOLE, TRIP OUT.
			.
			WATER:48275/259,339
			PROD WATER: 400/10,975
			ROTATE:9.5/445
			BHA:9.5/374
			MOTOR:9.5/26.5
			.
			WEATHER: CLEAR,DRY TEMP-30-50 DEG.
02/08/95	8116.	05:00 08:00	LOCATE 9 7/8" MILLS.
			.
		08:00 09:00	LAY DOWN MOTOR,MONEL,HANG OFF SUB, GAILED THREADS ON HANG OFFF SUB & MONEL, SENT TO SHOP
			.
		09:00 10:30	TRIP IN WITH DRILL PIPE ONLY TO 723', TAGGED ROTATE PAST, TRIP TO 2000'.
			.
		10:30 11:30	TRIP OUT, PIPE WET @ 1,100'.
			.
		11:30 13:00	PICK UP WATERMELLON MILL,1-JT. DP.JARS,1-7.75" DC.,1-6.25"D.C.
			.
		13:00 13:30	TRIP IN TAG @ 754'.
			.
		13:30 15:30	MILL FROM 754-756'.STOPED MILLING OFF,NO TORQUE. ACTED LIKE IT WAS RUNNING ON BTM. CONN.
			.
		15:30 16:30	TRIP OUT,PICK UP TAPED MILL/WATERMELLON MILL TOGETHER,TIH.
			.
		16:30 20:00	TAGED @ 754',ROTATED,SLID IN 6' TO BTM. OF WATER MILL,MILL TO 760',FELL THROUGH, WORKED MILL 754'-760'. THREE TIMES.ABLE TO SLIDE THROUGH WITH OUT ROTARY.TRIP IN TO 2000', NO OTHER TIGHT SPOTS.
			.
		20:00 22:00	TRIP OUT,LAY DOWN MILLS,JAR.
			.
		22:00 24:00	PICK UP .75 DEG. FIXED MOTOR,MONEL,HANG OFF SUB,BHA, TRIP IN TO 2,500'.NO PROBLEM GOING PAST 750'.
			.
		24:00 00:30	TEST MWD.
			.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 48 TO REPORT No. 54

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		00:30 02:00	TRIP IN TO 4,675', HIT BRIDGE.
		02:00 05:00	WASH/REAM 4,675'-4,865'.WASHES OFF EASY WITH PUMP,BUT STACKS OUT WITHOUT PUMP. . WATER:16550/275,889 PROD WATER:0/10,975 ROTATE:0/445 BHA:0/374 MOTOR:29.5 . WEATHER: CLEAR,DRY,NO PRECP. TEMP-30-45 DEG.
02/09/95	8411.	05:00 07:00	WASH/REAM 4,865'-5,100'.
		07:00 08:00	TRIP IN TO 7,700'. STUCK PIPE.
		08:00 09:30	WORK STUCK PIPE,PU KELLY, BREAK CIRCULATION WITH 50 SPM, 1800#, INCREASED IN 140SPM-1500#. WORK PIPE FREE.
		09:30 14:00	WASH 7,700-8,116'. BIT TAKING WT. WITHOUT PUMP. WASHES OFF WITH 4-6 WOB.
		14:00 23:30	DRILL ROTATE 8,116'-8,300'.19.3'/HR. PUMPED 1-150 BBL. 25#/BBL LCM PILL DOWN ANNULUS, LOST 80 AMP. TORQUE ON ROTARY. NO CIRCULATION.
		23:30 00:30	DRILL SLIDE 8,300'-8,331'.
		00:30 05:00	DRILL ROTATE 8,331'-8,411'.17.7'/HR. PUMPED 2ND. LCM PILL DOWN ANNULUS,NO RETURNS. TOABLE TORQUEING WHILE DRILLING,BUT NOT GETTING ANY PRESSURE INCREASE, INDICATING THAT TORQUE IS COMING FROM UP HOLE. WILL DRILL DOWN THIS KELLY TO 8,425'. PUMP HI VIS SWEEPS AROUND BIT. & START WIPER TRIP. . WATER:0/275,889 PROD WATER: 0/10,975 ROTATE: 15/460 BHA: 15/389 MOTOR: 15/44.5 . WEATHER: OVERCAST, LIGHT SNOW, TEMP-30 DEG.
02/10/95	8423.	05:00 06:00	DRILL ROTATE 8,411'-8,423'.
		06:00 07:30	CIRCULATE,PUMP 2 75 BBL. HI VIS SWEEPS.
		07:30 12:00	TRIP, TIGHT @ 7,800'-7,700'. KELLY UP, PUMP OUT SINGLES.40-50 DRAG @ 5,016',4,734' & 4,640'. 50 K DRAG @ 4,100'. PULLED BIT TO 600' TRIP IN TO 800',TAGED @ 750' TONGED PIPE & WENT PAST CSG. HOLE.
		12:00 14:30	CHANGE BIT, LAY DOWN 3-7.75" D.C. TRIP IN TO 718'. HIT CSG. HOLE, COULD NOT WORK PAST IT.
		14:30 21:30	PICK UP TAPERED MILL,WATERMELLON MILL,1-DP.,

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 48 TO REPORT No. 54

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			JAR,1-6.25" D.C. TRIP IN MILL FROM 718'-721'. 30 ROTARY,1-2 WT, AMPS-80-130.MILL FROM 754' 759',THIS SECTION MILLED EASER THAN THE ONE ABOVE. TRIP IN TO 900'. TRIP OUT.
		21:30 01:00	TRIP IN WITH BIT, NO PROBLEM GOING THROUGH CSG. HOLES, TRIP TO 2,200'. PUMP 150 BBL. 20#/BBL LCM PILL DOWN BACK SIDE & ADDED 28 SX. MAGNAFIBER DOWN BACK SIDE,NO FILL UP SEEN.
		01:00 03:00	TRIP IN TO 3,985', HIT BRIDGE.
		03:00 05:00	WASH/REAM 3,985'-4,158'. 6-8 WOB. 20 ROTARY. HAD 25% RETURNS FOR 10 MIN. THEN LOST IT.
			WATER: 14,290/290,179 PROD WATER: 440/11,415 ROTATE: 0/460 BHA: 0/389 MOTOR: 0/44.5
02/11/95	8423.	05:00 09:30	WEATHER: OVERCST, NO PRECP. TEMP-25-40 DEG. WASH/REAM 4,158'-4,670.
		09:30 10:00	TRIP TO 6,251'.HIT BRIDGE.
		10:00 17:00	WASH/REAM 6,251'-7,775'. WASHS DOWN WITH 4-6 WOG. ATTEMPTED TO RUN STAND, SET DOWN 100 K.
		17:00 18:00	PUMP 150 BBL/ LCM. DOWN ANNULUS, ADDING 30 SX. MAGNA FIBER & 60 SX. HOLEPLUG WITH IT.
		18:00 05:00	7,775'-8,085'. HAD PARTIAL RETURNS FOR 2 1/2 HRS. 10-30%.PUMPING HI VIS SWEEPS EVERY KELLY WITH 140 SPM, HOLE PACKS OFF WHEN SWEEPS GO AROUND. SLOW PUMPS DOWN UNTIL SWEEP GET UP HOLE
			WATER: 13,900/304,079 PROD:0/11,415 ROTATE:0/460 BHA:0/389 MOTOR:0/44.5 DRILLING ONLY
02/12/95	8423.	05:00 11:00	WEATHER: LIGHT SNOW PM. 4" TOTAL,TEMP-30 DEG. WASH/REAM 8,085',-8,139'.
		11:00 11:30	CIRCULATE AT SLOW RATE, MOVE SUCTION PUMP, SHAKER SIDE GETTING LOW.
		11:30 13:30	WASH/REAM 8,139'-8,170'.
		13:30 17:30	CIRCULATE AT SLOW RATE, WATER TRUCKS GETTING BEHIND DUE TO WEATHER & TRANSPORT BLOCKING ROAD.
		17:30 24:00	WASH/REAM 8,170'-8,240'. WORKED AT 8,240' FOR 2 HRS. SET DOWN 4-25 WOB. GETTING 150# DIFF. BUT WOULD NOT DRILL OFF, PIPE WOULD TORQUE UP

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 48 TO REPORT No. 54

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			ALSO & PACK OFF.
		24:00 05:00	CIRCULATE AT 80 SPM WITH WATER & BUILD MUD IN TANKS TO 35 VIS. TO SPOT IN OPEN HOLE BEFORE STARTING TRIP OUT TO CHECK MOTOR.
			WATER:11,440/315,519 PROD WATER:0/11,415 ROTATE:0/460 BHA:0/389 MUD MOTOR:44.5 DRILLING, IN HOLE 103.5 HRS.
			WEATHER: SNOWED LAST 24 HRS.TOTAL SNOW FALL-12" TEMP 20 TO 25 DEG. NO WIND.
02/13/95	8423.	05:00 07:30	CIRCULATE,MUD UP TANKS
		07:30 13:30	PUMP 150 BBL. MUD START TRIP, PUMP OUT 4 SINGLE TO GET FREE, TRIP OUT, TIGHT @ 4,318' & 4,036'.
		13:30 14:30	DRAIN MUD MOTOR, X O MOTOR, BIT, JET CELLAR.
		14:30 17:30	TRIP IN, BIT CSG. HOLE @ 718'. ATTEMPTED TO GET PAST CSG. LIP, WITH KELLY & RUNNING MOTOR @ 60 RPM. NO GO, TRIP OUT.
		17:30 18:30	SLIP/CUT DRILL LINE, 143'.
		18:30 19:30	PICK UP TAPERED MILL,WATERMELLON MILL, 1-JT. D.P.,JAR,1-6.75" D.C. TRIP IN.
		19:30 02:30	MILL ON CSG. FROM 720'-722, TAPED MILL WENT THROUGH,STRING MILL WOULD NEVER MILL OFF.
		02:30 03:00	TRIP OUT, MILLS HAVE SOME FORMATION ON THEM.
		03:00 05:00	CHANGE ASSEMBLY TO TAPERED MILL, WATERMELLON MILL, 3-7.75" D.C. TRIP IN, STARTED GETTING TORQUE @ 711',MILLED EASY TO 720', HAVE MILL TO 722'. SEEMS TO BE MILLING INSIDE CSG. NOW.
			WATER: 7145/322,664 PROD WATER:0/11,415 ROTATE:0/460 BHA:0/389
			WEATHER: LIGHT SNOW AM. CLEARING PM. 20-30 MPH WINDS. TEMP-25 DEG.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

	5. Lease Designation and Serial No. NA
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals	6. If Indian, Allotee or Tribe Name NA 7. Unit Agreement Name NA
1. Type of Well: OIL (X) GAS ( ) OTHER:	8. Well Name and Number UPRR 27-1H 9. API Well Number 43-043-30306
2. Name of Operator Union Pacific Resources Company	10. Field and Pool, or Wildcat
3. Address and Telephone Number P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007 Telephone (817) 877-6000 (Main Number)	LODGEPOLE

4. Location of Well

Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT

QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 9. Week Ending February 20, 1995.

Well Spudded December 21, 1994

RECEIVED
FEB 21 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-02-20

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 55 TO REPORT No. 61

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
02/14/95	8423.	05:00	17:00	MILL 722'-756'. TORQUE-120-150 AMPS. 40 ROTARY RUN CHARGE PUMP ON BACK SIDE FOR CIRCULATION. TORQUED MORE @ 752'(CSG. COLLAR) 753-756' TORQUE LOWER,TRIP OUT, MILL PLUGED WITH FORMATION, CMT CHUNKS.
		17:00	23:30	TRIP IN WITH D.P.& 1 BENT JT. ON BTM. TAGED @733'. PICKUP 35' WORK PIPE, GO DOWN & TAG @755'.INDICATES THERE ARE TWO HOLES.BEND PIPE MORE,ATTEMPT TO FIND OPEN HOLE AGAIN, BUT TAGS SAME PLACE.GO IN WITH STRIAGHT PIPE, COULD GET IN 733' HOLE ONLY.
		23:30	02:00	WAITING ON IMPRESSION BLOCK.
		02:00	04:30	RUN 7.75" BLOCK, TAGED @ 720',FELL THROUGH, DROP BLOCK @ 733'. TRIP OUT, IMPRESSION INDICATES JUNK INSIDE CSG. RUN 2 ND. BLOCK 7.5" DID NOT TOUCH ANYTHING @ 720', DROP BLOCK @ 733', FELL THROUGH. TRIP OUT, BLOCK IMPRESSION INDICATES CSG. JUNK, TIH WITH D.P. PUSH JUNK TO 1160', NO WT. NEEDED TO PUSH JUNK IN HOLE.
		04:30	05:00	WAITING ON WELDER TO STRAP 2- D.P. WATERMELLON MILL TOGETHER.
				WATER: 0/322,664 PROD WATER: 0/12,055 ROTATE:0/460 BHA:0/389
02/15/95	8423.	05:00	07:00	WEATHER: STRONG WINDS NO PRECP,TEMP 30 DEG. STRAP WELD 2- D.P. UNDER WATERMELLON MILL,JAR, 1-6.25" D.C. TRIP IN HOLE.
		07:00	08:30	DRILL PIPE UNDER MILL TAGED @ 752', ROTATE OFF CSG. SLIDE MILL TO 770'. PICK UP & WORK MILL] 720'-770', NO TORQUE OR DRAG.
		08:30	10:00	TRIP OUT,CUT STRAPS, L.D. MILL.JAR
		10:00	10:30	TRIP IN OPEN ENDED TO 940'.
		10:30	12:00	CIRCULATE @ 60 SPM. THROUGH DRILL PIPE,RUN MIXING PUMP THROUGH FILL UP LINE, POUR 40 SX. COTTONSEED HULLS, 28 SX. MAGNAFIBER, 60 SX. 3/4" HOLEPLUG DOWN ANNULUS.
		12:00	12:30	TRIP OUT
		12:30	15:00	WAIT ON PLUG TO HEAL.
		15:00	16:30	PICK UP BIT, TRIP IN, WENT THROUGH BAD CSG. WITH OUT TOUCHING A THING.
		16:30	17:30	TAGED UP @ 2,060', KELLY UP WASH DOWN 94'. WASHED OFF WITH PUMP.NO RETURNS.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 55 TO REPORT No. 61

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		17:30 19:00	TRIP IN TO 4,098'. HIT BRIDGE.
		19:00 23:00	WASH/REAM 4,098'-4,543'. WASHES OFF EASY WITH PUMP, WITH OUT PUMP,TAKES WT. NO RETURNS.
		23:00 00:30	TRIP IN TO 7,255'. HIT BRIDGE.
		00:30 03:30	WASH/REAM 7,255'-7,369'. PACKS OFF AT TIMES, HAVE TO WORK PIPE UP TO CIRCULATE. STILL NO RETURNS.
		03:30 04:00	TRIP IN TO 7,461'. HIT BRIDGE.
		04:00 05:00	WASH/REAM 7,461'-7,476'.STILL WANTS TO PACK OFF WORK PIPE UP TO CIRCUALTE, NO RETURNS, PUMPING WATER SINCE 4,098' FOR CIRCULATING.
			WATER:7760/330,424 PROD WATER:0/12,055 ROTATE:0/460 BHA:0/389
			WEATHER: AM SNOWING & DRIFT SNOW, CLEARING IN PM. 4" SNOW, TEMP 10 ABOVE.
02/16/95	8423.	05:00 21:00	WASH/REAM 7369-8080 W/ 4-8M WT. WILL PACK OFF EVERY SO OFTEN. OCCASIONLLY IT WILL STALL MM. AFTER CONN. WE HAVE TO WORK PIPE TO GET KELLY BUSHING IN TABLE.WORKED PIPE TO FREE UP UP HOLE TORQUE.WASH 210 FT. W/ NO PROBLEM TO 8070' FROM 8070 TO 8080 COULD MAKE 5-6 IN. WOULD STALL MOTOR.HAVE TO PULL UP AND REREAM.
		21:00 21:30	PUMP 200 BBLS 40 VIS. MUD
		21:30 23:30	POOH W/ 12 STDS. 6962 FT. TIGHT KELLY UP WASH TROUGH TIGHT SPOT. (W/ MUD)
		23:30 24:30	POOH TO 5500 FT PUMP 40 VIS MUD. A TOTAL 0F 650 BBLS.
		24:30 02:30	PULL THE REST OF THE WAY OUT OF HOLE. NO TROUBLE PULLING THROUGH CSG. BIT LIKE NEW, MUD MOTOR HAD NO PLAY IN BEARING ASSEMBLY. DRAINED GOOD.
		02:30 03:30	CHANGE OUT BIT,MUD MOTOR + CK MWD.
		03:30 05:00	RIH. NO PROBLEM GETTING THROUGH CSG.
			WATER 1930/332354 BBLS PROD WATER 300/12355 BBLS. ROTATE 0/460 HRS BHA 0/389 HRS. WEATHER CLEAR AND SUNNY NO PRECIP. LAST 24 +12 DEG.
02/17/95	8423.	05:00 24:00	WASH/REAM
		24:00 05:00	WASH/REAM 5080 TO 8080 . WOULD HAVE TO WASH A JT OR 2 DOWN THEN WOULD BE ABLE TO RUN A JT OR 2 OR MAYBE GET A STAND IN.HAD TOUGH REAMING

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH
WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 55 TO REPORT No. 61

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			FROM 7900 TO 7940 FT.WASHING EASY FROM 7940 TO 8080.TOUGH SPOT TO REAM AT 8080.
			.
			WATER 16900/348254 BBLS. PROD. WATER 800/13155 BBLS. ROTATE O/460 HRS. BHA 0/389 HRS. WEATHER +22 DEG. 10 TO 15 MPH WIND. NO PRECIP LAST 24 HRS.
02/18/95	8423.	05:00 07:00	WORK TO REAM PAST 8080 FT. FOR 2 HRS. COULD NOT MAKE ANY HEAD WAY.WOULD STALL MM AND TABLE.
			.
		07:00 08:00	MIX AND PUMP 200 BBLS.40 VIS MUD ON BOTTOM.
			.
		08:00 09:00	PULL TEN STANDS. HAD TO KELLY UP PUMP THROUGH TIGHT SPOT AT 7894 TO 7864 FT.(WITH MUD)
			.
		09:00 09:30	PUMPED 200 BBLS 40 VIS MUD.
			.
		09:30 10:30	PULL 20 STDS.
			.
		10:30 11:00	SPOT 300 BBLS 40 VIS MUD IN HOLE.
			.
		11:00 14:00	POOH, LD MM + MWD.
			.
		14:00 16:00	PU 9 5/8 CONCAVE MILL. RIH TO 4000 FT.
			.
		16:00 18:00	WASH/REAM FROM 4000-4200 FT.MILL WOULD BALL UP. WOULD NOT WASH REAM VERY GOOD AT ALL.
			.
		18:00 20:00	POOH TO PU BIT. HAD TO KELLY UP TO WASH OUT TIGHT SPOTS ON TRIP OUT.PULLED UP INTO CSG.
			.
		20:00 05:00	BUILT 700 BBLS 36 VIS. PLUS 260 BBLS 40 VIS W/ 28 PPB LCM.
			.
			WATER 4220/352474 BBLS PROD WATER 0/13155 BBLS. ROTATE 0/460 HRS. BHA 0/389 HRS. WEATHER 45 DEG PM. SNOWING AND BLOWING AM. TEMP +20 DEG 0500 HRS.
02/19/95	8423.	05:00 06:00	SPOT 260 BBLS 28# PPB LCM AT 2600 FT.
			.
		06:00 08:00	POOH LD MILL.PU MONEL + BIT. HOLE FILLED TO SUFACE ON TRIP OUT. RIH TO 700 FT.
			.
		08:00 09:00	MIX 60 BBL 28# LCM PILL. SPOT 30 BBLS AT 700'
			.
		09:00 10:30	RIH TO 2700'. SPOT 30 BBL 28# PILL AT 2700'. RIH TO 3750'. HIT BRIDGE.
			.
		10:30 12:30	MIX UP 260 BBLS 28# LCM MUD.
			.
		12:30 14:30	WASH/REAM 3700 TO 4130 FT.W/ 28# PPB MUD. FLUID LEVEL WOULD COME W/IN 80 FT. OF SURFACE WHILE REAMING.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 55 TO REPORT No. 61

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				,
		14:30	16:30	MIX UP 260 BBLS. 40 VIS.MUD.
				.
		16:30	19:00	WASH/REAM 4130 TO 4400 FT. PUMPING WATER.
				.
		19:00	19:30	RIH TO 4665.
				.
		19:30	22:30	WASH/REAM 4665 TO 5467 FT.
				.
		22:30	23:00	RIH W/ 8 STDS. TO 6233 FT.
				.
		23:00	03:30	WASH/REAM 5465 TO 6680 FT.
		03:30	04:00	RIH W/2 STDS.6827 FT.
		04:00	05:00	WASH/REAM 6827 TO 6935 FT. NO RETURNS.
				CANNOT SEE FLUID DOWN HOLE.
				WATER 14600/367074 BBLS.
				PROD WATER 270/13425 BBLS.
				ROTATE 0/460 HRS.
				BHA 0/389 HRS.
				WEATHER +20 DEG. NO PRECIP. LAST 24 HRS.
02/20/95	8423.	05:00	04:30	WASH/REAM 6935-8320 FT.HOLE GETTING STICKY.
				WOULD HAVE TO WORK EACH KELLY 45 MIN TO HR
				BEFORE MAKING CONN.
				.
		04:30	05:00	CIRC.SPOT 200 BBLS 40 VIS MUD ON BOTTOM.
				.
				WATER 1500/368574 BBLS.
				PROD.WATER 0/13425 BBLS.
				ROTATE O/460 HRS.
				BHA. 0/389 HRS.
				WEATHER +45 DEG. PM. +25 AM. NO PRECIP. LAST 24
				.
				.
				.
				RECEIVED 224 JTS. 8 5/8, S-80,32#,ST C CSG.
				9240 FT.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-~~30~~ 30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
(X) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other _____	
( ) Other _____			

Approximate date work will start: February 20, 1995

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

As a followup to the verbal approval given today for a change in the approved casing program for the UPRR 27-1H well located in Sec. 27, T. 2 N., R. 6 E., Summit County, Union Pacific Resources Company is providing written notice of the change. The change was cause by the discovery of a hole in the surface casing at a depth of 750' MD. The change in plans is explained on the accompanying Borehole Schematic Diagram of the well.

RECEIVED
FEB 21 1995
DIV OF OIL, GAS & MI

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-02-20

(This space for State use only)

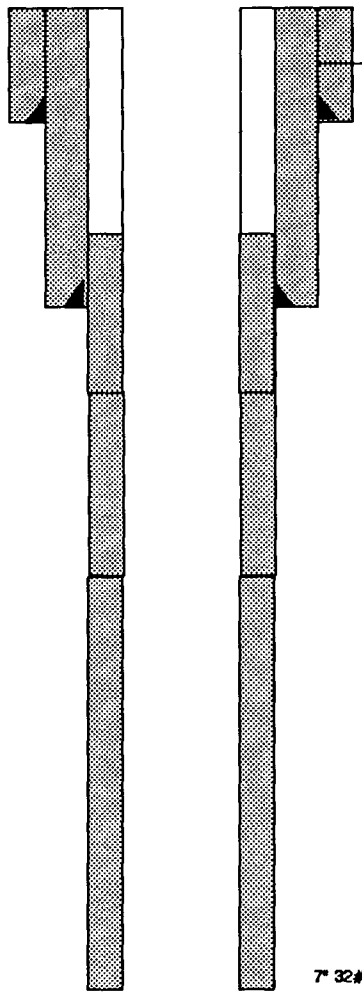
(12/92)

WELL NAME: UPRR 27-1H
Sec. 27, T. 2 N., R. 6 E.
Summit County, Utah
API No. 43-043-30306

SPUD DATE: 94-12-21

DATE: 95-02-20
BY: WFB

FIELD: Lodgepole



HOLE IN SURFACE CSG @ 750' MD

10-3/4" 40.5# STC CSG @ 2009' MD
605 SX 65:35 POZ CEMENT

8-5/8" 32# S-80 STC CSG @ 4500'MD +/-
1000 SX CEMENT

7" 32# LS-125 STL CSG @ 11,250'
STAGE 1 - 1741 CF CLASS "G" CEMENT
STAGE 2 - 1313 CF 35:65 POZMIX + TAIL W/ 275 CF CLASS "G" CEMENT

UNION PACIFIC RESOURCES COMPANY

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR - 2 1995
DIV OF OIL, GAS & MINING

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
County SUMMIT
State UTAH

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NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 10, Week Ending February 27, 1995

Well Spudded December 21, 1994

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-02-28

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 62 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
02/21/95	8423.	05:00 05:30	POOH 13 STDS.
		05:30 06:00	SPOT 130 BBLS 40 VIS. MUD
		06:00 06:30	PULL 17 STDS.
		06:30 07:00	SPOT 350 BBLS 40 VIS MUD.
		07:00 11:00	POOH TO 1900 FT.WASH & REAM 3 PASSES FROM 1900 4500 FT. TIGHT SPOTS AT 3600,3900,4300 FT.
		11:00 12:00	MIX AND SPOT 60 BBLS 40 VIS MUD.
		12:00 15:00	POOH.BROKE ALL BREAKS ON BHA.READY TO LD IN MOUSE HOLE.
		15:00 22:00	RU CER CSG SER. RUN SSGS,1 SHOE JT.SSFC, 89 JTS.8.625,32#,S-80,ST C CSG 3700.82 FT. LANDED AT 3677 KB. HAD TO WASH 3200 TO 3400 AND 3600 TO 3677 FT. STUCK PIPE AT 3680 FT.
		22:00 24:00	RD CER SER..RU DOWELL CEMENTERS.
		24:00 01:15	PUMP 219 SKS. G + 1/4 PPS D29, + 221 SKS G +2% CACL. 1.15 YLD, 15.8 PPG. DROP PLUG DISPLACE W/223 BBLS WATER. BUMPED PLUG W/ 1000 PSI.RELEASE PRESS. FLTS HELD. PLUG DOWN 01.15 HRS.
		01:15 05:00	WAIT ON CEMENT. LD 8" DCS. WATER 13345 /381919 BBLS. PROD. WATER O/13425 BBLS. ROTATE 0/460 HRS. BHA 0/389 HRS 8" DCS DOWN. WEATHER + 50DEG PM, +20 DEG AM. CLEAR LAST 24/
02/22/95	8423.	05:00 13:30	WAIT ON CEMENT
		13:30 15:30	HOOK UP DOWELL.PUMP 20 BBLS WATER AHEAD. FOLLOW W/ 612 SKS G,+ 2% CACL. CACL. 1.15 YLD, 15.8 PPG. PUMP AT 1.2 GPM. 127 BBLS SLURRY. NEVER HAD ANY PUMP PRESS. CHASE W. 2.5 BBLS WATER. WHEN SHUT DOWN PUMPING WELL WAS ON VACUUM. RD DOWELL.
		15:30 03:15	WOC 1ST SQUEEZE ON TOP SIDE OF 8 5/8. LAYING DOWN 5" DP IN MOUSE HOLE.
		03:15 05:00	CEMENTING, SQUEEZE #2 ON 8 5/8 INTERMEDIATE CSG.HOOK UP DOWELL TO WELL HEAD. PUMP 20 BBLS WATER AHEAD. PUMP 500 SKS G, + 2% CACL. 1.15 YLD. 15.8 PPG. PUMPING AT 1.2 BPM. 110 PSI.
			WATER 5105/387024 BBLS PROD. WATER 0/13425 BBLS. ROTATE 0/460 HRS. BHA 6" DCS 0/0 WEATHER +50 DEG PM. +20 DEG AM.NO PRECIP. LAST 24 HRS. CLEAR AND NICE.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 62 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
02/23/95	8423.	05:00 05:30	FINISH PUMPING CEMENT ON SQUEEZE #2 ON 8 5/8. PUMPED 500 SKS. G,+ 2% CACL. 1.15 YLD. 15.8 PPG 126 BBLS SLURRY. PUMPED AT 1.2 BPM. STARTED 110 PSI. INCREASED TO 250 PSI AT THE END OF PUMPING SLURRY. PRESSURE BLED OFF TO 20 PSI. RD DOWELL.
		05:30 07:00	RU OWP. RIH TO 120 FT BELOW WELL HD. ATTEMPT TO ATTEMPT TO BACK OFF 3 JTS DOWN. SHOT W/ 100 GR. STRING SHOT. BACK OFF TOP JT. RD OWP.
		07:00 17:00	LD CSG EQUIT. NIPPLE DOWN BOP.CUT OFF 8 5/8 BELOW WELL HD. LINE UP AND WELD SPACER BETWEEN 8 5/8 AND 10 3/4 CSG.NIPPLE BOP BACK UP.CHANGE PIPE RAMS TO 4".
		17:00 21:30	FINISH LD 5" DP IN MOUSE HOLE.
		21:30 03:00	SHUFFLE CSG ON RACKS.TRANSFER 4" DP. CHANGE OUT KELLYS, RU FLOOR FOR SLIM HOLE EQUIT.
		03:00 05:00	RU DOUBLE JACK BOP TESTERS. TESTING STACK.
			WATER 1760/388784 BBLS PROD WATER 0/13425 BBLS ROTATE 0/460 HRS. 6" BHA 0/0 HRS WEATHER +55 DEG PM. +18 DEG AM. CLEAR AND WARM ...(FROST IS COMING OUT GROUND LOCATION IS ...(GETTING VERY SOFT AND MUDDY.HAVING TO ...(HAUL GRAVEL IN TO REPAIR SOFT SPOTS ...(AROUND PIPE RACKS.
02/24/95	8423.	05:00 08:00	TEST BOPS/UPPER ANDLOWER KELLY VALVES,PIPE AND BLIND RAMS, ANNULAR,FLOOR VALVE, KILL LINE, CHOKE LINE AND MANIFOLD HIGH TEST 3000 PSI. 10 MIN EACH TEST.LOW TEST 250 PSI. 5 MIN EACH TEST. ALL TEST OK EXCEPT SUPER CHOKE DIDNOT TEST. SWACO WILL REPAIR. .....CALLED UTAH OIL & GAS BOP TEST.... .....NOBODY WITNESSED TEST.....
		08:00 13:00	RU CER PU MACHINE. PU BIT,BIT SUB,MONEL,16 DCS DOT DRILLING JARS,3-6" DCS.XO SUB, PU 93 JTS TAGGED CEMENT AT 3574. RD CER.
		13:00 16:00	DRILL CEMENT/ FROM 3574 TO 3637 FT. DRILL PLUG FLT COLLAR. DRILL GOOD FIRM CEMENT IN SHOE JT. TO 3677 FT.
		16:00 19:30	WASH/REAM 3677-4184 FT.HOLE UNLOADED CUTTINGS 3-4 IN THICK ACROSS SHAKER.
		19:30 21:00	HAD TO BUILD VOLUME FROM LOOSING ACROSS SHAKER.
		21:00 05:00	WASH/REAM 4184 TO 5600 FT.HAVE TO WASH EVERY THING DOWN. RUNNING 30-35 GPM TO MAINTAIN VOLUME. HOLE STAYS FULL WHEN PUMP IS OFF.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 62 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			.
			WATER O/388784 BBLS.
			PROD. WATER O/13425 BBLS.
			ROTATE O/460 HRS.
			6" BHA O/O HRS.
			WEATHER +55 DEG PM. +20 DEG. AM. CLEAR AND WARM. LOCATION GETTING SOFT AND MUDDY.
02/25/95	8423.	05:00 24:00	WASH/REAM
		24:00 05:00	WASH/REAM 5600- 7300 FT.
			COULD WASH 6-7 JTS. HOLE WOULD START PACKING OFF. WOULD HAVE TO CIRC TO UNLOAD HOLE.CUTTINGS WOULD COVER SHAKER SCREEN 3-4 IN THICK.
			FROM 7050 TO 7150 HOLE UNLOADED STEADY FOR 4 HRS.APPEARS THAT THERES SOME UP HOLE TORQUE.
			7200 FT IS WHERE WE STALLED OUT W/ MUD MOTOR BEFORE RUNNING 8 5/8 CSG.
			.
			.
			WATER 0/388784 BBLS
			PROD. WATER 0/13425 BBLS
			ROTATE O/460 HRS.
			6" BHA 0/0 HRS
			WEATHER +60 DEG PM. +25 DEG AM. NICE DAY.
02/26/95	8423.	05:00 24:00	WASH/REAM
		24:00 05:00	WASH/REAM AND COND. FROM 7300 TO 8424 FT.
			HOLE VERY STICKY IN SPOTS. HOLE STILL UNLOADING LOTS OF CUTTINGS.
			.
			.
			WATER 1970/390754 BBLS.
			PROD WATER 0/13425 BBLS.
			ROTATE 0/460 HRS.
			6" BHA 0/0 HRS
			WEATHER +55 DEG PM. +20 DEG AM. NICE DAY
02/27/95	8449.	05:00 07:00	WASH/REAM AND COND AT 8424 FT.
			.
		07:00 08:30	DRILL 8424-8449 FT
			.
		08:30 17:00	CIRC & COND HOLE.CLEAN MUD PITS.WT UP TO 9.3 W/ 26.75 TONS BARITE.
			.
		17:00 19:00	WIPER TRIP. POOH TO CSG.
			.
		19:00 23:00	RIH FROM CSG. WASH & REAM 6100 TO 6160 FT.AND WASH & REAM 7200 TO 7260 FT. TRIP ON INTO 8449 FT.
			.
		23:00 00:30	CIRC. COND.
			..
		00:30 04:00	POOH TO PU MM AND MWD. SLM 8448.93 FT BOARD 8442. CORR. 6.93 FT TO 8448.93 FT.
			.
		04:00 05:00	JET CELLAR, DRESS BIT.
			.
			.
			.
			WATER 0/390754 BBLS.
			PROD WATER 0/13425 BBLS.
			ROTATE 1.5/461.5 HRS.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 62 TO REPORT No. 68

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			6" BHA 1.5/1.5 HRS. WEATHER +45 DEG PM. +25 DEG AM. CLEAR AND WINDY. COOL DAY.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR - 7 1995
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30620

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well

Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT

QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 11, Week Ending March 6, 1995

Well Spudded December 21, 1994

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-03-06

(This space for State use only)

(12/82)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR - 7 1995
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Monthly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Monthly Progress Report, February 1995.

Well spudded December 21, 1994, was at a total measured depth of 8658' on February 28, 1995

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-03-06

(This space for State use only)

(12/92)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 14 1995
DIV OF OIL, GAS & MINING

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 12, Week Ending March 13, 1995

Well Spudded December 21, 1994

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-03-13

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 76 TO REPORT No. 82

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
03/07/95	9851.	05:00	07:00	REAM 9,735'-9,780'. MOTOR STALLING OFF BTM.
		07:00	11:00	DRILL ROTATE 9,780'-9,812'. 8'/HR.
		11:00	15:30	DRILL SLIDE 9,812'-9,838'.26'@5.7'/HR. TOOL FACE-290
		15:30	16:30	DRILL ROTATE 9,838'-9,843'. 5'/HR.
		16:30	20:00	PUMP PILL, TRIP FOR BIT.
		20:00	22:00	LD FIXED .75 MOTOR(BEARINGS LOOSE) PU ADJ. MOTOR SET @ 1.25 DEG. & BIT. OIENT TOOLS.
		22:00	01:00	TRIP IN ,TEST TOOLS @ 4000'.
		01:00	02:00	WASH/REAM 7,268'-7,338'. LIGHT REAMING
		02:00	02:30	RIG REPAIR,DERRECK LIGHTS
		02:30	03:30	TRIP
		03:30	04:00	WASH/REAM 75' TO BTM.
		04:00	05:00	DRILL SLIDE 9,843'-9,851'. 8'/HR.
				RECEIVED 287 JTS. 7", 38#/FT P-110 AB STL CSG. WATER: 0/391,416 PROD WATER: 0/13,425 ROTATING/SLIDING HRS:9.5/595 BHA/JARS:11.5/137.5 CORRISION RING #12, HRS-108, WT LOSS .6886
03/08/95	10006	05:00	07:30	WEATHER: CLEARING, TEMP 28 ABOVE. DRILL SLIDE 9,843'-9,875'.32' @ 12.8'/HR. TOOL FACE-290 AZM.
		07:30	09:00	DRILL ROTATE 9,875'-9,890'. 15'@ 10'/HR.
		09:00	12:00	DRILL SLIDE 9,890'-9,918'.28'@ 9.3'/HR. TOOL FACE-30 RIGHT
		12:00	19:00	DRILL ROTATE 9,918'-9,970'.52' @ 7.4'/HR.
		19:00	21:30	DRILL SLIDE 9,970'-9,988'.18' @ 7.2'/HR. TOOL FACE-20 RIGHT
		21:30	23:00	DRILL ROTATE 9,988'-10,001'.13' @ 8.6'/HR.
		23:00	24:00	LOST MWD SIGNAL,SWITCHED PUMPS, CYCLE PUMPS, REGAINED PULSE.
		24:00	01:00	DRILL SLIDE 10,001'-10,006'. 5'/HR. TOOL FACE-20 RIGHT.
		01:00	02:00	LOSING MWD SIGNAL, PUMP 20 BBLS, WATER IN ATTEMPT TO CLEAN OFF TURBIN BLADES. REGAINED SIGNALS, MOTOR TORQUES,AND STALLS.
		02:00	02:30	MIX & PUMP SLUG.

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH

WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 76 TO REPORT No. 82

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		02:30 05:00	TRIP FOR MWD,MOTOR. STARTED SALTING UP @ 9,959'. LOST 100 BBLS. MUD MUD WT. WENT UP TO 9.8 PPG. RUNNING CENTRIFUGE TO REDUCE MUD WT. . CLEANED,DRIFTED & STRAPED 12,022.01' OF 7" 38#/FT,P-110, AB STL CSG. 287 JTS. . ROTATE:10 HRS,79 FT. @ 7.9'/HR SLIDE: 8.5 HRS,77 FT @ 9.0'/HR. . WATER: 0/391,416 PROD WATER: 0/13,425 ROTATING/SLIDING:18.5/613.5 BHA/JARS:18.5/156 . WEATHER: CLEAR, NO PRECP. TEMP 30-40 DEG.
03/09/95	10145	05:00 06:30	TRIP .
		06:30 08:00	LAY DOWN 1.25 DEG. ADJ. SINGLE STAGE MOTOR, ADJ. NUT BACKED OFF,NO DAMAGE TO TOOLS. PICK UP 1.25 DEG. FIXED SINGLE STAGE MOTOR, BIT LOST NOSE CONE OFF OF # 2 CONE. .
		08:00 12:00	TRIP INTO 3,800',TEST TOOLS, TRIP IN TO 8,100', FILL PIPE. TRIP TO BTM. .
		12:00 12:30	WORK BIT PAST JUNK .
		12:30 13:00	DRILL ROTATE 10,006'-10,012'. 12'/HR. .
		13:00 17:30	DRILL SLIDE 10,012'-10,060'.48' @/10.6'/HR. TOOL FACE @ 35 RIGHT. .
		17:30 18:00	DRILL ROTATE 10,060'-10,065'. .
		18:00 21:00	DRILL SLIDE 10,065'-10,094'.29' @ 9.6'/HR. TOOL FACE @ 35 RIGHT. .
		21:00 21:30	DRILL ROTATE 10,094'-10,097'. .
		21:30 02:00	DRILL SLIDE 10,097'-10,119'.22' @ 4.8'/HR. TOOL FACE 35 RIGHT, HAVING TROUBLE KEEP ING TOOL FACE'S. .
		02:00 03:00	DRILL ROTATE 10,119'-10,129'. 10'/HR. .
		03:00 05:00	DRILL SLIDE 10,129'-10,145'.8'/HR. TOOL FACE 35 RIGHT. . ROTATE -2.5 HR. -25' -10.0 FPH SLIDE -13.5HR -113' -8.2 FPH . WATER: 0/391,416 PROD WATER: 0/13,425 ROTATING/SLIDING: 16.5/630 BHA/JARS: 16.5/172.5 .

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 76 TO REPORT No. 82

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
03/10/95	10255	05:00 09:30	WEATHER: CLEAR AM, WINDY PM. TEMP 30 TO 45 DEG. DRILL SLIDE 10,145'-10,161'.16' @ 3.5'/HR.
		09:30 10:00	CIRCULATE 20 BBL WATER TO CLEAN OUT MWD TOOL,
		10:00 10:30	DRILL SLIDE 10,161'-10.166'.
		10:30 11:00	MIX & PUMP SLUG
		11:00 14:30	TRIP FOR BIT, NORMAL HOLE DRAG OUT.
		14:30 15:30	CHANGE BITS, CHECK MOTOR & MWD.
		15:30 19:00	TRIP IN, CHECK MWD @ 3800'. FILL PIPE @ 8000'.
		19:00 19:30	WASH/REAM 60 TO BTM.
		19:30 24:00	DRILL SLIDE 10,166'-10,209'.43' @ 9.5'/HR.
		24:00 00:30	DRILL ROTATE 10,209'-10,214'.
		00:30 02:00	DRILL SLIDE 10,214'-10,224'.6.6'/HR. TOOL FACE-45 RIGHT
		02:00 05:00	DRILL ROTATE 10,224'-10,255'.10.3'/HR. ROTATE -3.5 HRS -36' -10 FPH SLIDE -11.0-HRS -76' -7 FPH WATER: 0/391,416 PROD WATER: 0/13,425 ROTATING/SLIDING:14.5/644.5 BHA/JARS:14.5/187
03/11/95	10460	05:00 12:00	WEATHER, CLEAR, HIGH WINDS AM, TEMP 45 LIGHT RAIN, STRONG WINDS PM ,TEMP 35 DEG. DRILL SLIDE 10,255'-10,319'.64' @ 9.1'/HR. TOOL FACE-70 RIGHT
		12:00 14:30	DRILL ROTATE 10,319'-10,351'. 32' @ 12.8'/HR.
		14:30 16:30	DRILL SLIDE 10,351'-10,371'. 20' @ 10'/HR. TOOL FACE 80 RIGHT
		16:30 17:30	LOST MWD SIGNAL, PUMP 20 BBLS WATER TO CLEAR TOOL, REGAINED FOR 15 MIN. LOST AGAIN, PUMP 50 BBLS. WATER REGAIN GOOD SIGNAL.
		17:30 05:00	DRILL SLIDE 10,371'-10,460'.89' @ 7.7'/HR. TOOL FACE @ 85 RIGHT. LOST 75 BBLS. MUD TO SEEPAGE. ROTATING: 2.5 HRS. -32' -12.8'/HR. SLIDING: 20.5 HRS -173' -8.4'/HR. WATER: 0/391 '16 PROD:0/13,425 ROTATING/SLIDING:23/667.5 BHA/JARS:23/210

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 76 TO REPORT No. 82

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				.
				RECIEVED 160 BBLS. FLUID FROM THE ROCK SPRINGS WELL, VALLEY WATER SERVICE.
				.
				WEATHER: STRONG WINDS, LIGHT RAIN LAST 24 HRS. TEMP 35-40 DEG.
03/12/95	10699	05:00	07:00	DRILL ROTATE 10,460'-10,478'. 17' @ 8.5'/HR.
				.
		07:00	08:30	DRILL SLIDE 10,478'-10,496'. 18' @ 12'/HR. TOOL FACE-86 RIGHT
				.
		08:30	09:30	CIRCULATE 25 BBLS. FRESH WATER TO CLEAR MWD TOOL, LOST PULSE. REGAINED.
				.
		09:30	10:30	DRILL SLIDE 10,496'-10,509'. 13'/HR. TOOL FACE-95 RIGHT
				.
		10:30	15:30	DRILL ROTATE 10,509'-10,572'. 63' @ 12.6'/HR
				.
		15:30	17:30	DRILL SLIDE 10,572'-10,604'.32' @ 16'/HR. TOOL FACE-120 RIGHT
				.
		17:30	02:00	DRILL ROTATE 10,604'-10,699'.95' @ 11.2'/HR.
				.
		02:00	02:30	PUMP OUT 3 SINGLES,PUMP PILL
				.
		02:30	05:00	TRIP FOR BIT, GAMMA TOOL. LOST 150 BBLS. MUD TO SEEPAGE.
				.
				WATER: 0/391,416 PROD WATER: 0/13,425 ROTATING/SLIDING: 20/687.5 BHA/JARS: 20/230 RECIEVED 80 BBLS. FLUID FROM THE MOUNTAINEER 1-35 LOCATION.
				.
				WEATHER: LIGHT RAIN,STRONG WINDS AM. NO WIND .5" SNOW PM. TEMP 30-40 DEG.
03/13/95	10855	05:00	06:00	TRIP FOR BIT,MOTOR
				.
		06:00	07:00	CHANGE BIT, MOTOR,1.25 DEG. FIXED SINGLE STAGE PICK UP GAMMA RAY TOOL.
				.
		07:00	10:30	TRIP IN TO 4000',TEST TOOLS,TRIP TO 8000' FILL D.P.,TRIP TO 10,511'.
				.
		10:30	16:00	LOG GAMMA RAY 10,460' DOWN.
				.
		16:00	18:30	DRILL ROTATE 10,699'-10,731'. 32' @ 12.8'/HR.
				.
		18:30	05:00	DRILL SLIDE 10,731'-10,855'.124' @ 11.8'/HR. TOOL FACE 70 RIGHT.
				.
				LOST 110 BBLS. TO SEEPAGE. TOPS: PREUSS SALT @ 10,554' BASE OF SALT@ 10,614' GIRAFFE CK @ 10,682' PROJECTED LEADS CK @ 11,240'.
				.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 76 TO REPORT No. 82

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			WATER: 0/391,416 PROD WATER: 0 /13,425 ROTATING/SLIDING: 13/700.5 BHA/JARS: 13/243 . WEATHER: CLEARING TREND, TEMP 35- 40 DEG.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-~~30~~ 30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well

Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM — County: SUMMIT

QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM — State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 13, Week Ending March 20, 1995

Well Spudded December 21, 1994

See Attached Daily Operations Summaries

RECEIVED
MAR 21 1995
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W.F. Brazelton Title: Senior Regulatory Analyst Date: 95-03-20

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 83 TO REPORT No. 89

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
03/14/95	10890	05:00	08:00	DRILL SLIDE 10,855'-10,890'.35' @ 11.6'/HR.
		08:00	12:00	PUMP PILL, TRIP FOR 1.5 DEG. MOTOR
		12:00	13:00	LD 1.25 FIXED MM, PU/1.5 ADJ. MM. NEW BIT.
		13:00	13:30	TRIP IN BHA.
		13:30	14:30	SLIP & CUT DRILL LINE
		14:30	17:00	TRIP IN TO 4,100' CHECK MWD, TRIP TO 8,100' CHECK MWD, LOST DIRECTIONAL PULSE,
		17:00	18:00	CIRCULATE, MIX PILL, LOST 300 BBLS. FLUID WHILE BUILDING PILL.
		18:00	20:30	TRIP FOR MWD.
		20:30	05:00	ATTEMPTED TO FILL HOLE ,PUMP 150 BBLS. NO RETURNS, CHANGE OUT MWD TOOL. BUILD MUD VOLUME. WATER: 0/391,416 PROD WATER:0/13,425 ROTATING/SLIDING:3/703.5 BHA/JARS: 3/246 CORROSION RING # B74-125 HRS. WT. LOSS 0.8284 REVIEVED 80 BBLS FLUID FROM MOUNTAINEER 1-35 TOTAL FLUID: 320 BBLS. RECIEVED FROM DAVIS LYNCH: FLOAT SHOE,F COLLAR, 3-LIFT NUBBS, 1 X O COLLAR. WEATHER: PARTLY CLOUDY, NO PRECP. TEMP 35-45
03/15/95	10890	05:00	10:30	BUILD MUD VOLUME, 1000 BBLS. TO 10.1 WT. 8% LCM, F MICA,F NUTPLUG,LIQUID CSG.
		10:30	14:30	TRIPTO 4000'. BREAK CIRCULATION WITH 150 BBL. TRIP TO 6000'.NO MUD DISPLACED, BREAK CIRC WITH 150 BBL. TRIP TO 8000'. NO MUD DIS PLACED, BREAK CIRCULATION, CIRCULATE FOR 1/2 HR. LOST 100 BBLS. GETTING 70% RETURNS.
		14:30	16:00	TRIP TO 10,540'.NO MUD DISPLACED, HIT BRIDGE.
		16:00	17:00	WASH/REAM 10,540'-10,600'. SALT SECTION, 70% RETURNS.
		17:00	18:00	TRIP TO BTM. WASH 30' TO BTM.
		18:00	03:30	NO MWD PULSE,PUMPED 6 60 BBL. SALT WATER PILLS OUER 9 HRS. EACH TIME MWD WOULD START TO PULSE THEN QUIT. LAST PILL, WOULD GET A STEADY PULSE, BUT WOULD LOSE IT WHEN BIT WAS SET ON BTM. TRYED ABOUT EVERY THING, DIFFERENT PUMPS & RATES,SAPP DOWN STRING, COCKED JARS & LET BLEED OFF,SURGE PIPE. LOST 600 BBLS. LAST 9 HRS. RETURNS, STARTED @ 70%, INCREASING TO 95-100%.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 83 TO REPORT No. 89

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			.
		03:30 05:00	PUMP SLUG & TRIP FOR MWD. WATER: 0/370,216 CORRECTED PROD WATER: 0/13,500- CORRECTED ROTATING/SLIDING: 0/703.5 BHA/JARS: 0/246 RECEIVED 70 BBLS. FROM MOUNTAINEER 1-35 TOTAL TODATE: 390 BBLS.
			.
			WEATHER: CLEAR, TEMP 30-50 DEG.
03/16/95	10940	05:00 08:00	POOH TO CK. MWD
			.
		08:00 09:00	CHANGE PULSER PLUS ORFFICE FROM 1.70 TO 1.675 CK ALIGMENT.
			.
		09:00 11:00	RIH 40 STDS. CK MWD AND MM. OK.
			.
		11:00 17:00	BUILD 750 BBLS VOLUME TOTAL OF 1150 BBLS. 41 VIS, 10 PPG.
			.
		17:00 19:30	RIH FILL PIPE EVERY 20 STDS.
			.
		19:30 21:30	WASH 10704 TO 10890 FT.
			.
		21:30 05:00	SLIDE 10890 TO 10940 50 FT 7 FPH. TF 75R HARD TO HOLD TOOL FACE.
			.
			.
			WATER 90/370306 BBLS PROD WATER 0/13500 BBLS ROT/SLIDE 7.50/71. HRS BHA/ JARS 7.5/253.5 HRS WEATHER 15 DEG. AM 50 DEG PM. TRACE OF RAIN TRACE OF SNOW.
03/17/95	11081	05:00 07:00	SLIDE 10940 TO 10948 8 FT. 4 FPH. COULD NOT W/ 85-90 WT.
			.
		07:00 11:00	PUMP PILL, POOH TO CHANGE MM.
			.
		11:00 12:30	LD 1.5 DEG AJT. PU 1.25 DEG FIXED. ORIENT TOOLS
			.
		12:30 17:00	RIH 40 STDS. KELLY UP CK MWD AND MM. RIH FILL PIPE EVERY 20 STDS.WORK THROUGH SMALL BRIDGE AT 8500 FT.
			.
		17:00 18:00	WASH/REAM 10878 TO 10948 FT. 70 FT.
			.
		18:00 20:30	ROTATE 10948-10985 FT.DRILL 5 FT SURVEY 10915 10.45 DOG LEG. BIT DEPTH 10953 FT
			.
		20:30 03:00	SLIDE 10985-11081 FT. 96 FT. 15 FPH. TF 60 R
			.
		03:00 05:00	CIRC, PUMP PILL
			.
			WATER 90/370396 BBLS. PROD WATER 0/13500 BBLS. ROT SLIDE 11/722. HRS. BHA/ JARS 11/264.5 HRS. WEATHER +40 PM +20 DEG AM.

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH

WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 83 TO REPORT No. 89

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
03/18/95	11239	05:00 08:30	POOH TO CHANGE MM FROM 1.25 FIX TO 1.5 ADJT.
		08:30 10:00	CHANGE OUT MM, CK MWD.
		10:00 15:00	RIH W/ DCS CHANGE OUT DOT DRLG JARS.FINISH TRIP IN.
		15:00 16:00	WASH/REAM 30 FT TO BOTTOM.
		16:00 05:00	SLIDE 11081-11239 FT.158 FT. 12 FPH. TF 90 R. TOP LEADS CRK. 11,185 MD. WATER 90/370486 BBLS. PROD.0/13500 BBLS. ROT/SLIDE 13/735 HRS. BHA 275.5 HRS. DRLG. JARS #2 11 HRS. WEATHER 50DEG PM. 28 DEG.
03/19/95	11275	05:00 08:30	SLIDE 11239-11275 36 FT 12 FPH TF 90 R
		08:30 09:00	SHORT TRIP 5 STDS.
		09:00 11:30	CIRC & COND. PUMP PILL.
		11:30 15:00	POOH,
		15:00 16:30	LD MM+ MWD
		16:30 20:30	PU BIT +1 DC + 3 PT +1 DC + 1 3PT +16 DCS + DOT JARS +3 DCS RIH TO 11100 FT. [[[[TOUCHED NOTHING GOING HOLE TILL 11100 FT.
		20:30 23:00	REAM 11100 TO 11251 FT
		23:00 23:30	2 STD. WIPER TRIP. GOOD SHAPE.
		23:30 02:00	CIRC.& COND TO RUN CSG. SPOT 8 PPB LUBRA GUIDE BEADS 1251 TO 8400 FT.PUMP PILL.
		02:00 05:00	POOH TO RUN 7" CSG. WATER 0/370486 BBLS PROD WATER 0/13500 BBLS. ROT/SLIDE 3.5/738.5 HRS BHA 3.5/279 HRS. DOT JARS#2 3.5/16.5 HRS. WEATHER PM +45 DEG AM + 25 DEG TRACE RAIN PM. SNOWED APPROX. 2" W/ 10-15 MPH WIND.
03/20/95	11275	05:00 06:30	POOH TO RUN CSG. SLM 11287.49 BOARD 11275. NO CORRECTION.
		06:30 11:30	WENT TO SPOT LD MACHINE. TRK FELL OUT OF SITE WO CAT. SPOT AND RU LD MACHINE.
		11:30 12:00	LD BHA.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 83 TO REPORT No. 89

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		12:00 01:30	RUN DWN JET FLT SHOE , 1 SHOE JT, FLT COLLR, 252 JTS 7",38#,P 110,CSG. ATLAS BRADFORD STL. 10618.8 FT. SET BETWEEN 15- 18 M ON STRG. COULD NOT PU BACK UP.
		01:30 05:00	RU CIRC.HEAD. WORK STUCK PIPE AT 10618.8 COULD NOT GET ANY MOVMENT UP OR DOWN.
			WATER 200/370686 BBLS PROD. WATER 0/23500 BBLS. ROT/SLIDE 0/735 HRS DOT JARS #2 0/13 HRS. WEATHER PM 40 DEG AM +20 DEG. HAD SNOW AND WIND . LOCATION VERY MUDDY.

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. Test Report

B.O.P. test performed on (date) 2-23-95

Oil company UPRC

Well name & number UPRR 27-1H 43-043-30306

Section 27

Township 2N

Range 6E

County Summit Utah

Drilling contractor CARDWELL 16

Oil company site representative Bob Austin

Rig tool pusher Leo

Tested out of EVANSTON

Notified prior to test yes

Copies of this test report sent to: UPRC

Cardwell

State

Blm

Original chart & test report on file at:

Below

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testin & Services Inc.

FIELD TICKET
№ 11536

Accounting Office: P.O. Box 516 Shoshoni, WY 82649 • (307) 876-9390

Field Operations:
Shoshoni, WY (307) 876-2308
Rock Springs, WY (307) 382-4020
Evanston, WY (307) 789-9213
Vernal, UT (801) 781-0448

DATE 2-22-95
OPERATOR UPRC AFE 17076
RIG NAME & NO. Cardinal 16E
WELL NAME & NO. UPRR 27-1H

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
Summit	UT	27	2N	6E

Items Tested:	LOW TEST PSI	TIME HELD MINUTES	HIGHTEST PSI	TIME HELD MINUTES
Top Pipe Rams	250	5	3000	10
Bottom Pipe Rams				
Blind Rams	250	5	3000	10
Annular B.O.P.	250	5	2500	10
Choke Manifold	250	5	3000	10
Choke Line	250	5	3000	10
Kill Line				
Super Choke				
Upper Kelly	250	5	3000	10
Lower Kelly	250	5	3000	10
Floor Valve	250	5	3000	10
Dart Valve	250	5	3000	10
Casing				

Closing Unit PSI 3000
Closing Time of Rams 3 sec
Closing Time of Annular 7 sec
Closed Casing Head Valve ✓ es
Set Wear Sleeve NO

COMMENTS

ADDITIONAL TESTS & COMMENTS

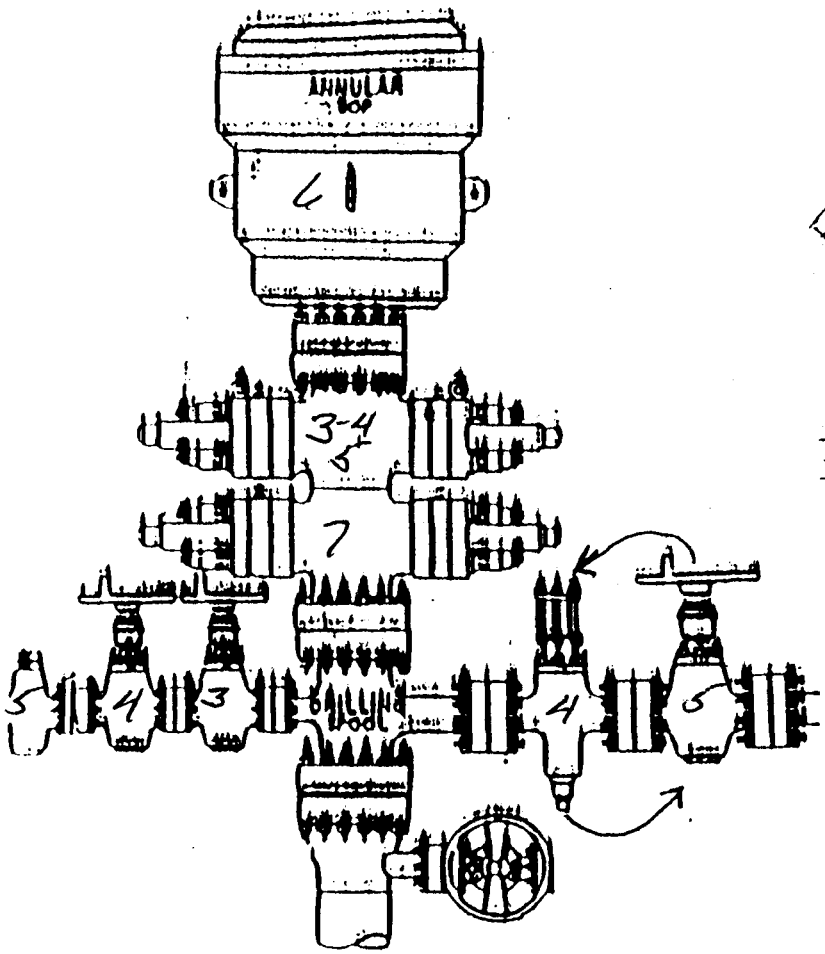
TEST PLUG 10" C-22
RET. TOOL
TOP SUB. 4" FH
KELLY SUB. 3½ IF
X-OVER SUB.

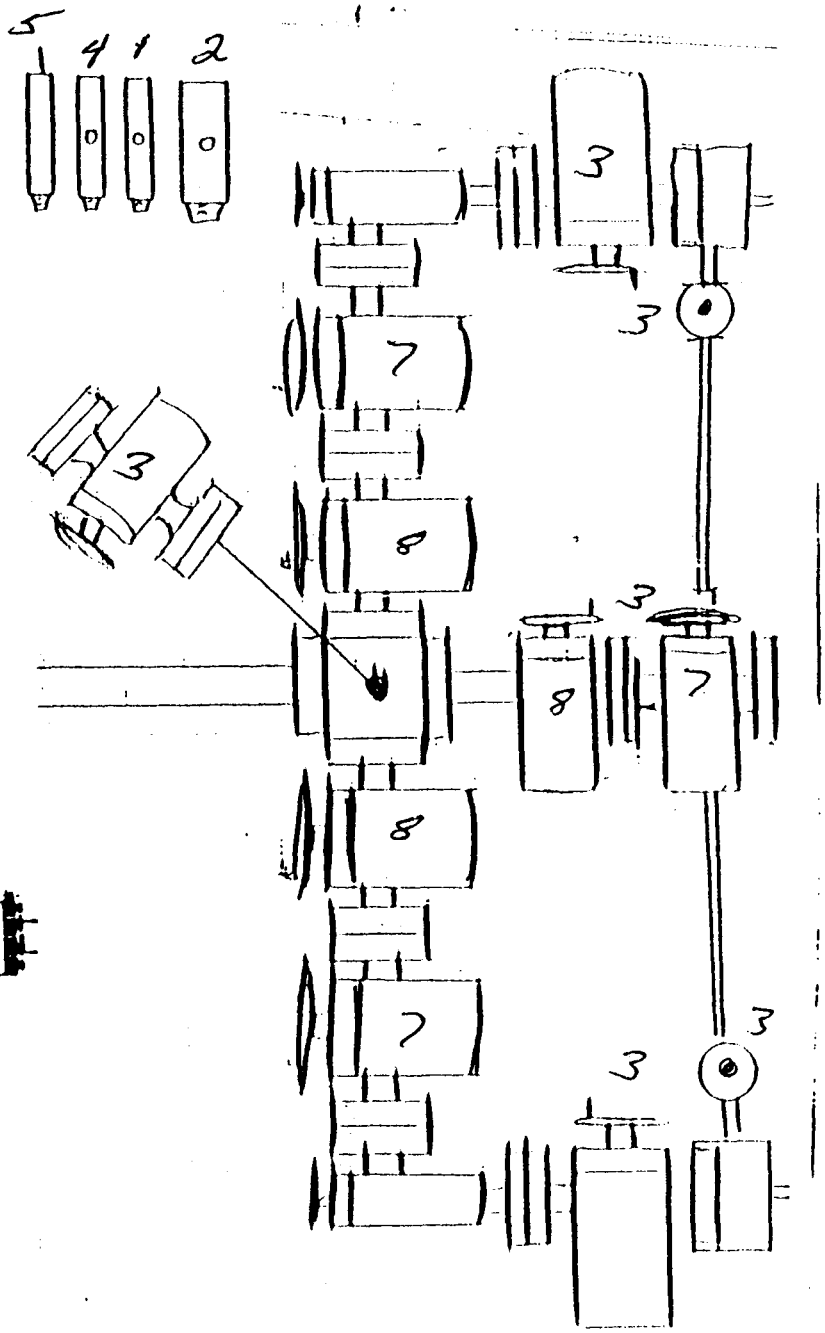
DOUBLE JACK TESTING

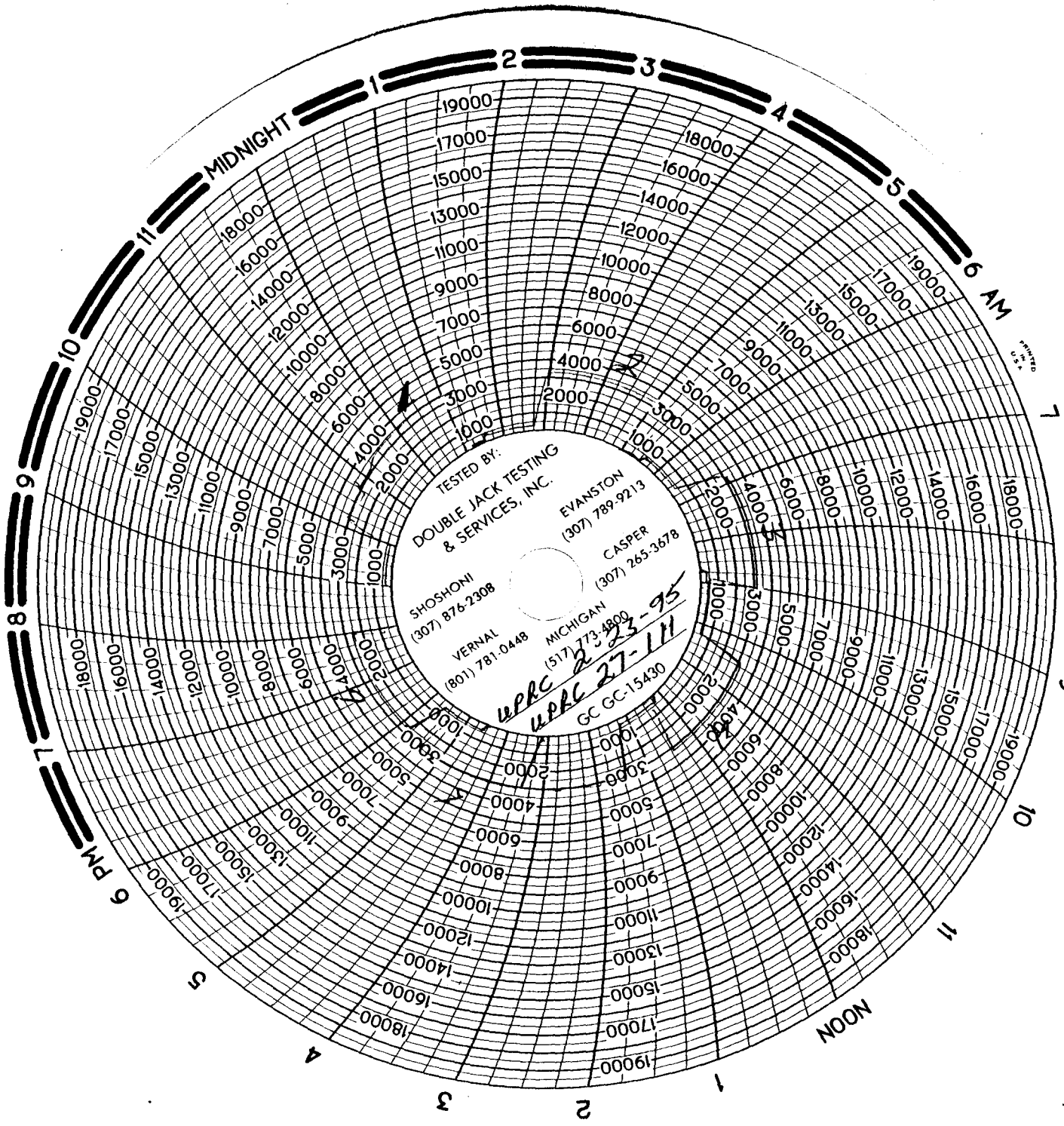
DATE 2-23-95 — RIG Cardinal 16

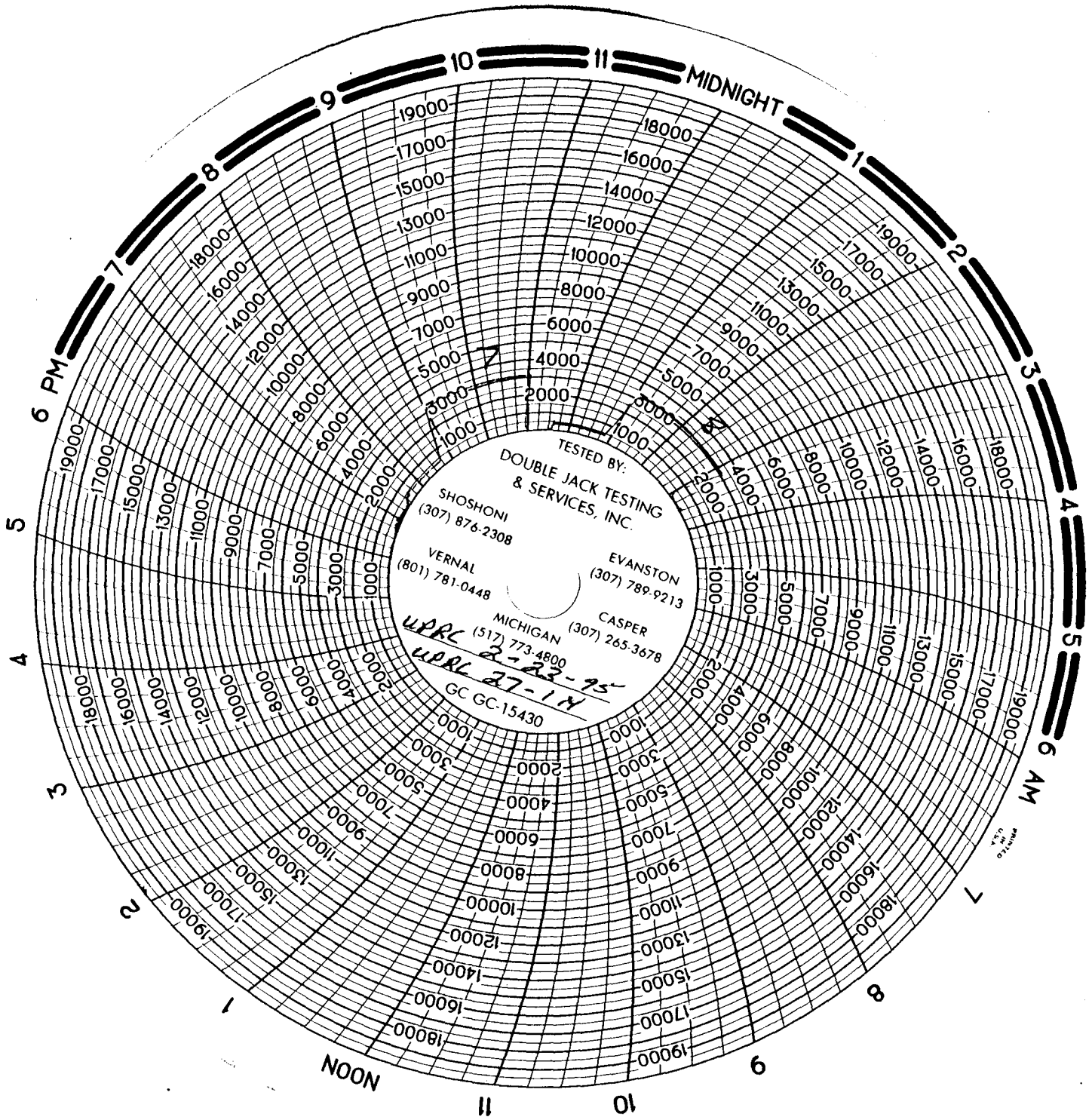
OPERATOR UPRC — WELL UPRC 27-1H

3:30	TEST #1	Lower Kelly
3:53	TEST# 2	upper Kelly
4:50	TEST #3	Pipe Rams outside manifold valves 1st Kill
5:15	TEST #4	Pipe Rams HCR 2nd Kill Safety valve
5:54	TEST #5	Pipe Rams 1st Choke check valve Dart Valve
6:25	TEST #6	Hydril
6:58	TEST #7	Blind Rams 2nd set manifold valves
8:00	TEST #8	1st set manifold valves
	TEST #9	
	TEST#10	
	TEST#11	
	TEST#12	






MIDNIGHT
6 AM
NOON
6 PM
TESTED BY:
DOUBLE JACK TESTING
& SERVICES, INC.
EVANSTON
(307) 789-9213
CASPER
(307) 265-3678
SHOSHONI
(307) 876-2308
VERNAL
(801) 781-0448
MICHIGAN
(517) 773-4800
GC GC-15430
uPRC 2-23-95
uPRC 27-111


MIDNIGHT
1
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6 AM
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NOON
PM
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(307) 789-9213
CASPER
(307) 265-3678
MICHIGAN
(517) 773-4800
UPRC 2-22-95
UPRC 27-1M
GC GC-15430

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAR 28 1995
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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6. Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

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10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

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Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM — County: SUMMIT
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( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other _____			

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
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Weekly Progress Report No. 14, Week Ending March 27, 1995

Well Spudded December 21, 1994

Please refer to daily operations summaries for detail

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date 95-03-27

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 90 TO REPORT No. 96

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
03/21/95	11275	05:00 07:00	WORK STUCK PIPE.
		07:00 09:00	RU D.S CEMEMTERS.
		09:00 14:00	CEMENTING PUMP 200 BBLS BRINE WATER AHEAD + 50 BBLS EW 100. PUMPED 953 SKS. G + 24% D-24 + .75 D-604 AM +.03% M-45 YLD 1.22 16.2 PPG PUMPED AT 4 BPM. DROP TOP PLUG. DIPLACE W/ 349 BBLS MUD AT 4 BPM.PRESS STARTED AT 800 PSI. INCREASED TO 2000 PSI.PUMPED 10 BBL AT 2.5 BPM. BUMPED 500 PSI OVER AT 2500 PSI. RELEASE PRESS. FLTS HELD.RD D S CEMENTERS.
		14:00 04:00	PU STACK SET SLIPS W/ 285 M STRG WT. CUT OFF 7" CSG. INSTALL 7 1/16 X 11" TUBING HD. NIPPLE UP STACK AND ROTATING HD. PLUS CHANGE PIPE RAMS TO 3.5".
		04:00 05:00	RIH W/ 4" DP TO LD.
			WATER 0/370686 BBLS PROD.200/13700 BBLS WEATHER PM +45 DEG AM +30 DEG W/ 30 MPH WIND.
03/22/95	11275	05:00 07:00	RIH W/ 4", RU LD MACHINE.
		07:00 14:30	LD 4" DP.
		14:30 15:30	SLIP & CUT DRILL LINE 125 FT
		15:30 19:00	CHANGE OUT KELLYS, RU FLOOR. RU DOUBLE JACK TESTERS.
		19:00 24:30	TEST UPPER AND LOWER PIPE RAMS,CHOKE MANIFOLD UPPER AND LOWER KELLY VALVES, 250 LOW TEST 5 MINS EACH. 5000 PSI HIGH TEST 10 MINS EACH. TEST ANNULAR + SUPER CHOKE 250 LOW TEST. 5MIN 3500 PSI HIGH TEST. 10 MIN EACH. HA TO TIGHTEN PIPE RAM DOOR, ALL TESTED OK. CALLED UTAH OIL AND GAS TALKED TO JIM THOMSON ON BOP TEST AND TOP SIDE CEMENT JOB. .....NO WITNESS FOR EITHER JOB.....
		24:30 01:30	HOOK UP D S CEMENTERS. PUMPED 5 BBLS WATER AHEAD. CEMENT W/ 466 SKS 35-65 + 6% GEL + .25 PPS CELLO FLAKE. YLD 1.79...12.7 PPG. PUMPED AT 5 BPM. STARTED W/500 PSI.INCREASED TO 1000 PSI WHILE DISPLACING W/ 42 BBLS WATER +1 GAL PER 1000 GALS OF WATER M76. PRESS. BLED OFF TO 200 PSI. RD D S CEMENTERS.
		01:30 04:00	TRANS. 3.5 DP.+ STRAP.
		04:00 05:00	RD CER PU MACHINE . PU 3.5,15.5, S-135 DP. WATER 200 BBLS/370868 BBLS PROD WATER 0/13500 BBLS ROT/SLIDE 0/735 HRS. SNOW AND WINDY LAST 24 HRS. BLIZZ.LAST 12 HRS

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 90 TO REPORT No. 96

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				CHANGE OUT SLIM HOLE STRG. SENT 366 JTS 4" S-135,14# DP TO CHYENNE. RECIEVED 517 JTS 3.5,S-135,15.5# DP.+ EQUIT.
03/23/95	11275	05:00	13:30	PU DRILL PIPE 3.5",15.5,S-135 DP.
		13:30	15:00	DRILL CEMENT/FLOAT EQUIP. TAG CEMENT AT 10505 PLUG AND FLT COLLAR AT 10547 FT. DRILL CEMENT TO 10577 FT.
		15:00	01:00	MIX SALT TO SATUATE SYSTEM BEFORE DRLG OUT FROM SHOE.
		01:00	02:00	FINISH DRLG CEMENT AND SHOE AT 10590 FT.
		02:00	05:00	WASHING TO BOTTOM FROM 10590 TO 11100 FT.
				WATER0/370686 BBLS PROD WATER 0/13500 BBLS ROT/SLIDE 0/735 HRS.
				WEATHER PM + 45 DEG. AM +28 DEG. WINDY. NO PRECIP LAST 24 HRS.
03/24/95	11275	05:00	07:00	WASH TO 11275 FT.
		07:00	08:00	CIRC.BOTTOM UP. PUMP PILL
		08:00	14:00	POOH, 1ST 3 JTS TIGHT COMMING OFF BOTTOM & PULL FREE TO SHOE. HIT TIGHT SPOT @ SHOE (10590') AND STUCK DP. WORKED PIPE FREE (1 HR) WITH 110M O/P. REAMED 1' OF TIGHT CSG @ SHOE & TIGHT SPOT CLEANED UP W/O DRAG. POOH - SLM, NO CORRECTION (NOTE: IRON CUTTINGS ATTACHED TO MAGNETIZED DP & DITCH MAGNETS COVERED WITH IRON FILINGS).
		14:00	17:00	PU 1-3/4 DEG MM & GR MWD. ORIENT TOOLS AND SURFACE TEST SAME.
		17:00	21:00	RIH TO 10573 AND HIT TIGHT SPOT (17' ABOVE SHOE).
		21:00	22:30	ATTEMPT TO REAM THROUGH TIGHT CASING FROM 10573 TO 10576', MOTOR STALLING & UNABLE TO WORK DEEPER.
		22:30	02:30	PUMP PILL & POOH. BIT HAD 4 BROKEN OUTER TEETH WITH IRON SCARRING ON SHANKS.
		02:30	03:30	LD BHA & TOOLS
		03:30	05:00	PU 5-5/8" BIT, BIT SUB, MONEL, 5-7/8" WATER MELON MILL, MONEL DC (STRAP WELD BIT).
				WATER 300/370986 BBLS. PROD WATER 0/13700 BBLS ROT/SLIDE 0/735 HRS. WEATHER PM +30 DEG AM +10 DEG. WINDY AND SNOWING LAST 24 HRS.
03/25/95	11275	05:00	08:30	PU 5 7/8 WATER MELLON MILL,RIH TO BIT DEPTH

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 90 TO REPORT No. 96

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			10573 FT MILL DEPTH 10538 FT
		08:30 17:30	MILL OUT DAMAGED CSG FROM 10538 TO 10574 FT.
		17:30 20:30	POOH TO CK. MILL. MILL WORN DOWN 1/8 IN. CUTRITE WORN SMOOTH.
		20:30 21:30	CHANGE OUT MILLS. JET CELLAR.
		21:30 00:30	RIH.MILL WENT TO 10574 FT.
		00:30 02:30	MILLOUT DAMAGED CSG. 10574 TO 10590 FT BIT DEPTH 10609 TO 10625 FT. WORK MILL OUT SHOE TO 10605 FT.
		02:30 04:30	WORK MILL BACK AND FORTH THROUGH DAMAGED CSG. TO DRESS OUT CSG.PUMPED SWEEP AROUND DIDNOT GET ANY EXCESIVE AMOUNT OF SHAVINGS.
		04:30 05:00	PUMP PILL, POOH TO PU MM+MWD.
			WATER100/371086 BBLS PROD.WATER 0/13700 BBLS. ROT/SLIDE 0/735 HRS WEATHER PM +30 DEG AM +15 DEG. NO PREC.
03/26/95	11275	05:00 08:00	POOH TO CK MILL. 1/8 UNDER GAUGE
		08:00 11:00	WAIT ON 5 7/8 MILL, CHANGE OUT MILLS
		11:00 13:30	RIH W/ 5 7/8 MILL TO 10574 FT.
		13:30 18:00	WIPED MILL FROM 10538 TO 10574 TOUCH NOTHING. MILL FROM 10574 TO 10590 .RUN MILL OUT OF TO 10597 FT BIT AT 10632 FT.
		18:00 19:00	PUMP HIGH VIS SWEEP.SWEEP DIDNOT BRING UP ANY AMOUNT OF MILL CUTTINGS.
		19:00 22:30	PUMP PILL, POOH. MILL WAS 1/16 OR LESS OUT GAUGE.
		22:30 00:30	LD MILL, PU 1.875 MM, + MWD. ALIGN TOOLS KELLY UP CK. TOOLS.
		00:30 04:00	PU BIT, RIH TO 10574 FT.
		04:00 05:00	ATTEMPT TO WORK PAST TIGHT SPOT AT 10574 FT.
			WATER 100/371186 BBLS PROD. WATER /13700 BBLS ROT/SLIDE 0'735 HRS. WEATHER PM +28 DEG. AM +14 DEG. SNOWED OFF AND ON THE LAST 24 HRS. APPROX. 4"
03/27/95	11275	05:00 05:30	ATTEMPT TO WORK THROUGH TIGHT SPOT AT 10574'
		05:30 09:30	PUMP PILL, POOH, SLM 10574 MIIL DEPTH. 10606
		05:30 09:30	PUMP PILL, POOH, SLM 10574 MIIL DEPTH. 10606 BIT DEPTH.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 90 TO REPORT No. 96

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			BIT DEPTH.
			.
			.
		09:30 10:30	CHANGE MM FROMM 1.75 TO 1.50 DEG.
		09:30 10:30	CHANGE MM FROMM 1.75 TO 1.50 DEG.
			.
			.
		10:30 13:30	RIH TO 10574 FT. FILL PIPE EVERY 40 STDS.
		10:30 13:30	RIH TO 10574 FT. FILL PIPE EVERY 40 STDS.
			.
			.
		13:30 15:30	ATTEMPT TO WORK BY TIGHT SPOT AT 10547 FT,
		13:30 15:30	ATTEMPT TO WORK BY TIGHT SPOT AT 10547 FT,
			.
			.
		15:30 19:00	PUMP PILL POOH.
		15:30 19:00	PUMP PILL POOH.
			.
			.
		19:00 23:00	PU 5 5/8 BIT W/ 5 7/8 MILL.RIH TO 10538 FT
		19:00 23:00	PU 5 5/8 BIT W/ 5 7/8 MILL.RIH TO 10538 FT
			.
			.
		23:00 24:00	MILL 10538 TO 10540 FT.
		23:00 24:00	MILL 10538 TO 10540 FT.
			.
			.
		24:00 04:30	PUMP PILL, POOH, LD BIT AND MILL. MILL 1/16
		24:00 04:30	PUMP PILL, POOH, LD BIT AND MILL. MILL 1/16
			UNDER GAUGE.
			UNDER GAUGE.
		04:30 05:00	SLIP & CUT DRILL LINE
			.
			WATER 100/371286 BBLS
			PROD WATER 0/13700 BBLS
			ROT/SLIDE 0/735 HRS.
			WEATHER PM +42 DEG AM +23 DEG. NO PRECIP.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
APR - 6 1995
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30630

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Monthly Progress Report	
( ) Other_____			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Monthly Progress Report, March 1995

Well spudded December 21, 1994; reached MD of 11,275' on March 13, 1995; sidtracking on March 31, 1995

Please see previously submitted Daily Operations Summaries for detail

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-04-05

(This space for State use only)

(12/92)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED APR - 6 1995
DIV OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. Lease Designation and Serial No.: NA

8. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-~~306~~ 30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 15., Week Ending April 3, 1995

Well Spudded December 21, 1994

Please see attached Daily Operations Summaries for detail

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-04-05

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 97 TO REPORT No. 103

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
03/28/95	11275	05:00	05:30	SLIP & CUT DRILL LINE
		05:30	11:00	WO CSG ROLLER TO OPEN CSG TO 5.858 " PU AND MAKE UP CSG ROLLER.
		11:00	13:30	RIH W/ CSG ROLLER
		13:30	22:00	START TO OPEN CSG UP AT 10538. DID NOT SEE ANYTHING DOWN TO 10558 FT.ROLLED CSG OUT TO 5.858 FROM 10558 TO 10566 FT. 5 1/2 HRS. CSG TOOL GOES FREE 10566 TO 10569. ROLL CSG FROM 10569 TO 10571 2 HRS. AT 10571 ROLLED FOR 2 HRS COULD MAKE NO PROGRESS.WOULD STALL OUT TABLE. PU AND CHECK ABOVE. CSG STAYED OPEN THAT WAS ALREADY ROLLED.
		22:00	01:00	PUMP PILL,POOH TO ROLLER.
		01:00	05:00	BROKE DOWN CK. ROLLERS. MIDDLE ROLLER WORN DOWN A 1/16 IN. SHOWED LITTLE WEAR TAPER ON BOTTOM OF TOOL.WO 5.729 ROLLER. WATER 0/371286 BBLS. PROD WATER 0/13700 BBLS. ROT/SLIDE O/735 HRS. WEATHER PM +42 DEG AM +12 DEG. NO PRECIP.
03/29/95	11275	05:00	08:00	WO 5.729 CSG ROLLER.CHANGE ROLLER SIZE FROM 5.858 TO 5.729.
		08:00	11:00	RIH TO 10571 FT
		11:00	16:30	START ROTATING W/ CSG ROLLER AT 10571 FT MADE 5" IN 2 HRS.RUN 50 RPM W/ 18K WT. ROLLED CSG 3 MORE HRS MADE NO PROGRESS.
		16:30	19:30	PUMP PILL, POOH. ROLLER WORE OUT.ROLLERS WORE DOWN ON LENGTH OF EACH ROOLER.WOREN VERY SLOPPY ON CAM SHAFT.TOOL WORE OUT.
		19:30	20:30	PU 5.75 TAPER MILL ,BIT SUB,14 FT PONY COLLAR, 5 .75 STRG MILL. STRAP ALL BREAH KS ON MILLS.
		20:30	23:30	RIH W/ MILLS TO 10571 FT.
		23:30	05:00	START MILLING AT 10571 TO 10575 TORQUE WENT FREE. PU W/ KELLY + 1 JT. NO SCARING ON PIPE. TOOK 3.5 HRS TO MILL 10571 TO 10575. FREE FROM 10575 TO 10581. KELLY DOWN. MAKE CONN. REREAM 10566 TO 10581 REAMED FREE W/ NO TORQUE. START REAMING AT 10581 TO 10588. REAMED FREE TO 10588. SEEN TORQUE AT 10588. START TO REAM FROM 10588 TO 10594 . TORQUE WENT FREE. TO 10602. PUMP PRESS INCREASED STARTED TO TAKE WT. PULL UP KELLY + 1 JT.PIPE. HAD SCARING ON DP. CHANGED OUT A JT OF DP. WENT BACK TO 10602. TAPERED MILL AT 10602 FT. STRG MILL 10583 FT. WATER 100/371386 BBLS. PROD WATER 0/13700 BBLS ROT/SLIDE 0/735 HRS.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 97 TO REPORT No. 103

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				WEATHER PM +30 DEG AM +10 DEG. NO PRECIP.
03/30/95	11275	05:00	07:00	MILL 10,571'-10,583'.
		07:00	10:30	TRIP OUT
		10:30	12:00	LAY DOWN MILL ASSEMBLY,TAPERED MILL OD @ 5 11/16". STRING MILL @ 5 3/4". PICK UP BIT, 1.5 DEG. ADJ. MM.MWD.
		12:00	15:00	TRIP IN, TOOK 10 K WT @ 10,574'. BUT WENT ON DOWN.
		15:00	16:00	RE LOG GR. 10,580'-10,670'.
		16:00	24:00	WASH DOWN 10,670' -11,276'. LIGHT WT'S.
		24:00	01:30	ATTEMPT TO DRILL, MOTOR STALLING
		01:30	02:00	MIX & PUMP PILL.
		02:00	05:00	TRIP TO 10,574'.HUNG UP IN CSG. PULLING 50-70 OVER, TRIPPING JARS 40-60 OVER, KELLY UP & PUMP 60 SPM, PULLED 80 OVER, TRIPED JARS PIPE CAME FREE, NOW TRIPPING.
				WATER: 100/371,486 PROD WATER: 0/13,700 ROT/SLIDE: 0/735 WEATHER: CLEAR, NO PRECP. TEMP 25-40 DEG.
03/31/95	11275	05:00	12:00	TRIP OUT. WET TRIP BIT HAD LOST GREASE CAP OFF OF STANK, PINCHED IN .125 IN.
		12:00	15:30	PICK UP 5.5" MAGNET, TRIP IN
		15:30	16:30	HIT COLLAPSED CSG. @ 10,566'. SET DOWN 80 K. WOULD NOT GO. TRYED ROTATING, NO GO.
		16:30	20:00	TRIP OUT
		20:00	22:00	PICK TAPERED MILL,SHORT DC. 2-STRING MILLS. RE STRAP CONNECTIONS BELOW STRING MILLS.
		22:00	00:30	TRIP IN HIT COLLASPED CSG. @ 10,563'.
		00:30	05:00	MILL 10,563'-10,566' 10 MIN. MILL 10,570'-10,574' 4 HRS. NOW MILLING @ 10,591 WITH TAPER & AT 10,572' WITH BTM. STRING MILL.
				WEATHER: CLEAR, TEMP 25-40 DEG.
04/01/95	11275	05:00	06:30	MILL 10,591'-10,618',TAPERED MILL DEPTH.
		06:30	11:00	WAIT INSIDE CSG. TO CHECK CSG. MOVEMENT.
		11:00	13:00	SET DOWN 18K @ 10,563'. MILLED TO 10,618'. LIGHT WT. 300 AMPS TORQUE.
		13:00	16:00	PUMP PILL, TRIP OUT.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 97 TO REPORT No. 103

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
		16:00	16:30	LAYED DOWN MILLS, PICK UP TAPERD MILL STRAPED TO 5.5"-8.5" SECTION MILL. 6-ARM.
		16:30	20:00	TRIP IN
		20:00	24:00	ENGAGE SECTION MILL @ 10,560' MILL TO 10,570'. LOST ALL TORQUE, RUN MILL TO 10,579',SET DOWN 2K, STARTED ROTATING, LOST ALL WT. WENT TO 10,596', DIDN'T SET DOWN ON ANYTHING.
		24:00	01:30	ATTEMPT TO PULL INSIDE CSG.MILL SECTION HANGING UP @ 10,560'. MIX & PUMP HI VIS PILL.
		01:30	05:00	WORKING STUCK PIPE(SECTION MILL) INTO CSG. WORKED IT UP TO 10,520'. AT TIMES WHEN PIPE IS PICKED UP, THERE IS NO STRECH BUT YOU GET 80 K OVER. SOMETHING IS HANGING UP STRING BELOW B.O.P.'S. I DID INSTALL TWO DRILL PIPE WEAR RUBBERS ON TOP JT. BEFORE SECTION MILL WAS RUN. NOW BTM. ONE IS GONE COMPLETEY. WE ARE NOW MIXING ONE MORE SWEEP TO CLEAN UP HOLE. BEFORE TRIPPING OUT.
04/02/95	11275	05:00	07:00	WEATHER: CLEAR NO PRECP, TEMP 20-45 DEG. MIX & PUMP HI VIS SWEEP,RECOVERED 3-4" OF METAL SHAVING'S IN 5 GAL. BUCKET.
		07:00	07:30	SPOT PILL
		07:30	10:30	TRIP OUT WITH SECTION MILL, ARMS ON TOOL WERE BENT AROUND TOOL BODY, PREVENTING ARMS FROM CLOSEING ALL THE WAY.
		10:30	11:30	LAY DOWN MILL, CLEAN OUT FLOW LINE, SAND TRAP.
		11:30	14:30	TRIP IN WITH 5 5/8" BIT.
		14:30	17:00	WASH/REAM 11,028'-11,246'.TORQUED INCREASED FROM 250 TO 350 AMPS.WOULD NOT DRILL OFF. IT LOOKS LIKE BIT ON TOP OF CSG. STUB.
		17:00	18:30	CIRCULATE , PUMP PILL.
		18:30	23:00	TRIP OUT, SLM-11,241'.
		23:00	02:00	TRIP IN OPEN ENDED TO SPOT PLUG.
		02:00	03:00	TIME CORRECTION.
		03:00	04:30	WASH DOWN 11,140'-11,240'. ON CONNECTIONS MUD FLOWING BACK & PLUGGING DRILL PIPE,
		04:30	05:00	RIG UP DOWELL, UNABLE TO CIRCULATE, RIG DOWN DOWELL, UP KELLY WORK PIPE FREE & CIRCULATE. NOW BUILDING HI VIS PILL TO SWEEP HOLE.
				WATER: 100/371,586

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 97 TO REPORT No. 103

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				PROD WATER: 0/13,700 ROT/SLIDE: 0/735 WEATHER: CLEAR, NO PRECP, TEMP 25-50 DEG. RECEIEVED 1- HYCALOG 5/5/8" DS-23 -1-SECURITY 5 5/8" HZ27-1X
04/03/95	11275	05:00	07:00	MIX & PUMP HI VIS SWEEP, SHAKER COVERED WITH CUTTING.
		07:00	08:00	RIG UP DOWELL, PUMP 10 BBLS. WATER, 150 SX. CLASS "G",+ .5% D-65,.1% D-800, .99 YIELD, MIXED @ 17 PPG, SLURRY VOLVME-26.5 BBLS. DISPLACE WITH 2 BBLS, WATER, 69 BBLS. MUD. CHECK FLOW, O.K. PLUG BALANCED.
		08:00	09:00	TRIP TO 9,290'.
		09:00	09:30	CIRCULATE TO FLUSH DRILL PIPE.PUMP PILL
		09:30	12:00	TRIP
		12:00	13:00	SLIP & CUT DRILL LINE 143'
		13:00	15:30	WAIT ON CEMENT
		15:30	18:00	TRIP IN W/ 4 5/8" BIT T 9,690'.
		18:00	02:00	WAIT ON CEMENT
		02:00	03:00	TRIP IN TAG CMT @ 10,820'.
		03:00	05:00	DRESS OFF PLUG 10,820' 11,100'.280'.GOOD PLUG ALL THE WAY, 10 WOB. 50 ROTARY.
				WATER: 200/371,786 PROD WATER: 0/ 13,700 ROT/SLIDE: 0/735 HRS. WEATHER: CLEAR, NO PRECP, TEMP 25-50 ABOVE.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			

Approximate date work will start_____

*Date of work completion*_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weeky Progress Report No. 16, Week Ending April 10, 1995

Well Spudded December 21, 1994

Plfease refer to attached Daily Operations Summaries for detail.

RECEIVED
APR 11 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date:95-04-10

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 104 TO REPORT No. 110

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
04/04/95	11275	05:00	05:30	DRILL CMT. 11,050'-11,088'.
		05:30	07:00	CIRCULATE BTMS. UP, LAY DOWN 3 STANDS.
		07:00	11:00	TRIP ,SLM 11,075'. CORRECTED 13' UP HOLE.
		11:00	12:00	PICK UP BIT,ADJ. MM SET @ 1.5 DEG, MWD.
		12:00	15:30	TRIP TO 1,645' TEST MWD, TRIP TO 10,960'.
		15:30	16:30	WASH 115' TO BTM.
		16:30	24:00	DRILL (TIME) 11,075'-11,143'.TOOL FACE SET @120 R. @ 11,140'-11,143' 1.5-2.0 PMF. FELL OFF OF SIDETRACK ON TO PLUG,START TIME DRILL AGAIN WITH TOOL FACE 160 R.
		24:00	05:00	TIME DRILL 11,143'-11,158'.
				WATER: 0/371,786 PROD WATER: 0/13,700 ROT/SLIDE: 12.5/747.5 WEATHER: CLEAR, NO PRECP, TEMP 30-50 ABOVE.
04/05/95	11250	05:00	14:30	DRILL SLIDE 11,158'-11,232'.74' @ 7.7'/HR. TOOL FACE @ 160 RIGHT.
		14:30	15:00	SURVEY, MWD SENDING UP RPM. FLAGS, GOT SURVEY THEN LOST SIGNALS.
		15:00	17:00	DRILL ROTATE 11,232'-11,241'. 9' @ 4.5'/HR.
		17:00	21:00	PIMP OUT 3 SINGLES, PUMP PILL, TRIP OUT
		21:00	23:00	CHANGE OUT MWD. GEAR,BIT, & SET MOTOR TO 1.25.
		23:00	02:00	TRIP IN, TEST MWD @ 1,645'. TRIP IN
		02:00	03:30	WASH DOWN 11,127'-11,241'.
		03:30	05:00	DRILL SLIDE 11,241'-11,250'. 8' @ 5.3'/HR. TOOL FACE @ HIGH SIDE.
				WATER: 300/372,086 PROD WATER: 0/ 13,700 ROT/SLIDE:13/760.5 WEATHER: CLEAR, NO PRECP, TEMP 35- 50 ABOVE.
04/06/95	11284	05:00	20:30	DRILL SLIDE 11,250'-11,284'.34' @ 2.2'/HR.
		20:30	24:00	TRIP
		24:00	01:30	MUD MOTOR, ADJ. NUT BACKED OFF, CHANGE OUT MOTOR, BIT,
		01:30	05:00	TRIP IN, CHECK MWD @ 1,645' & FILL STRING EVERY 40 STANDS. TO BTM.
				WATER: 400/371,486 PROD WATER: 0/13,700 ROT/SLIDE:15.5/776

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 104 TO REPORT No. 110

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				WEATHER: OVER CAST, LIGHT WINDS, NO PRECP. TEMP 35-50 ABOVE.
04/07/95	11368	05:00	07:00	WASH 162' TO BTM. LIGHT REAMING, 10' FILL.
		07:00	19:30	DRILL SLIDE 11,284'-11,364'.80' @ 6.4'/HR. TOOL FACE -60 RIGHT.
		19:30	23:00	PUMP 5 SINGLES OUT, PUMP PILL TRIP TO SET MOTOR TO 1.5 DEG.
		23:00	24:00	SET MOTOR TO 1.5 DEG. CHANGE BITS.
		24:00	03:30	TRIP IN, CHECK MWD, TIH TO BTM. NO FILL
		03:30	05:00	DRILL SLIDE 11,364'-11,368'.
				TARGET: 11,670 TVD,VS-235'. BUILD UP RATE NEEDED: 14.25/100 FROM 11,359'.
				WATER: 0/371,486 PROD WATER: 0/13,700 ROT/SLIDE: 14/790 WEATHER: OVER CAST, LIGHT WIND, NO PRECP, TEMP 35- 50 ABOVE.
04/08/95	11439	05:00	14:30	DRILL SLIDE 11,368'-11,411'.43' @ 4.5'/HR. TOOL FACE @ 20-30 RIGHT.
		14:30	18:30	MOTOR STALLING OFF BTM. TRIP FOR MOTOR.
		18:30	19:30	DRIVE SHAFT BEARING'S OUT OF MOTOR, CHANGE OUT MOTOR, BIT.
		19:30	22:30	TRIP IN, TEST MWD @ 1600'. FILL EVERY 40 STANDS
		22:30	23:00	WASH 66' TO BTM.
		23:00	05:00	DRILL SLIDE 11,411'-11,439'.28' @ 4.6'/HR. MUD LOGGER REPORTING 40% RED SHALE CAVINGS.
				WATER: 100/371,586 PORD WATER: 0/13,700 ROT/SLIDE: 15.5/805.5 WEATHER: CLEAR, TMEP 40-55 ABOVE.
04/09/95	11583	05:00	12:00	DRILL SLIDE 11,439'-11,502'.63' @ 9'/HR. TOOL FACE @ HIGH SIDE.
		12:00	13:00	CIRCULATE, PUMP OUT 4 SINGLES, PUMP PILL.
		13:00	17:30	TRIP,FIRST STAND TIGHT, NO DRAG THROUGH SALT.
		17:30	18:30	CHECK MOTOR, CHANGE BIT, JET CELLAR.
		18:30	19:30	SLIP & CUT DRILL LINE
		19:30	22:30	TRIP IN.CHECK MWD @ 2025'. FILL EVERY 40 STANDS
		22:30	23:00	WASH 62' TO BTM.
		23:00	05:00	DRILL SLIDE 11,502'-11,583'.81' @ 13.5'/HR.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 104 TO REPORT No. 110

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				TOOL FACE @ 30 LEFT. . 30% SHALE CAVINGS. . WATER: 100/371,686 PROD WATER: 0/13,700 ROT/SLIDE: 13/818.5 WEATHER: BLOWING/DRIFTING SNOW AM. LIGHT SNOW PM. TOTAL PRECP 2-3". TEMP 30-35.
04/10/95	11721	05:00	10:30	DRILL SLIDE 11,583'-11,650'.67' @ 12.1'/HR. TOOL FACE HIGH SIDE.
		10:30	11:30	. CIRCULATE, PUMP OUT 7 SINGLES.
		11:30	15:00	. PUMP PILL, TRIP
		15:00	16:30	. CHANGE OUT MUD MOTOR, SET TO 2.75 DEG. CHANGE BITS, & ORIENT TOOLS.
		16:30	20:00	. TRIP IN, PICK UP 5 JTS.
		20:00	21:00	. WASH 64' TO BTM. LOG 10' GAMMA RAY.
		21:00	05:00	. DRILL SLIDE 11,650'-11,721'.71' @ 8.8'/HR. TOOL FACE 7 DEG. TO THE LEFT. NO MUD LOST LAST 24 HRS. NEW TARGET: 11,733' TVD @ 169' V.S. BUILD UP RATE NEEDED: 22.5/100'. . WATER: 0/371,686 PROD WATER: 0/13,700 ROT/SLIDE:13.5/832 WEATHER: SPRING SNOW FLURRIES OFF/ON ALL DAY, PRECP 1-2" SNOW, TEMP 30-40 ABOVE.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.
NA

SUNDRY NOTICES AND REPORTS ON WELLS

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6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-~~306~~ 30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 17, Week Ending April 17, 1995

Well Spudded December 21, 1994.

RECEIVED
APR 19 1995
DIV OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-04-17

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 111 TO REPORT No. 117

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
04/11/95	11812	05:00 17:30	DRILL SLIDE 11,721'-11,800'.79'@6.3'/HR. TOOL FACE 0 TO 10 LEFT.
		17:30 21:30	PUMP 9 JTS. OUT, PUMP PILL, TRIP FOR TOOLS.
		21:30 22:30	LAY DOWN 2.75 DEG. MOTOR, PICK UP 1.5 DEG. FIXED,TANDEM POWER SECTION MOTOR, PDC BIT. CHECK MWD TOOLS.
		22:30 01:30	TRIP IN, FILL PIPE @10,600' CHECK TOOLS, TRIP TO 11,600'.
		01:30 02:30	WASH 131' TO BTM.
		02:30 03:30	DRILL ROTATE 11,800'-11,812'.
		03:30 05:00	MWD QUIT WORKING, NO PULSE AT ALL, WORK PUMPS,BACK FLUSH,NO SIGNAL. PREP FOR TRIP. 20% SHALE CAVING CORROSION RING # A32,246 HRS. .525 WT. LOSS WATER: 160/371,846 PROD WATER: 0/13,700 ROT/SLIDE: 13.5/845.5 WEATHER: OVER CAST,LIGHT SNOW FLURRIES, TEMP 30-40 ABOVE.
04/12/95	11812	05:00 09:30	TRIP FOR MWD FAILURE.
		09:30 11:30	REMOVE MWD PROBE, JAM NUT ON FISH NECK BACKED OFF, ALLOWING TOOLS TO SCREW TOGETHER AND CLOSING OFF ORIFICE ON POPPET VALVE. INSTALL BACK UP PROBE.SHALLOW TEST TOOLS.
		11:30 15:00	TRIP IN, FILL @ 5820',9525'.
		15:00 20:30	WASH/REAM BRIDGES @ 10,610'-615'. -10,895'-905'. -10,990'-11,000'. -11,020'-11,054'. GETTING LOTS OF RED SHALE ON SHAKER, PLUGED JET UNABLE TO GET FLOW RATE HIGH ENOUGH TO GET GOOD PULSE OFF OF MWD.
		20:30 23:30	TRIP TO 10,577', CIRCULATE & CONDITION MUD, ATTEMPT TO UNPLUG JET(JETS),
		23:30 02:30	TRIP TO CHECK BIT. BIT PLUGED WITH 4 BALL BEARINGS LARGER THEN 15/32. LOST 1 BLADE OFF OF BIT, 1"BY 2" IN SIZE. ALL CUTTERS WORE OFF.
		02:30 03:30	LAY DOWN MOTOR,MUD, PICK UP BIT, BIT SUB.
		03:30 05:00	TRIP IN WATER: 0/371,486 PROD WATER: 0/13,700 ROT/SLIDE: 0/845.5 WEATHER: OVER CAST,SNOW FLURRIES,TEMP 35-45

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 111 TO REPORT No. 117

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
04/13/95	11880	05:00	06:00	RIH W/ BIT #43 SLICK. BRIDGE AT 10664 FT.
		06:00	09:00	WASH/REAM 10664 TO 11812 FT,
		09:00	11:30	DRILL 11812 TO 11827 FT 6 FPH.
		11:30	13:00	CIRCULATE 60 VIS SWEEP OUT.
		13:00	18:00	PUMP PILL,POOH TO PU STEERING ASSEMBLY. TIGHT FOR FIRST 6 FT ON THE FIRST 5 STDS.
		18:00	19:30	PU 1.5 DEG TANDEM MM + MWD. KELLY UP CK.TOOLS.
		19:30	22:30	PU BIT #44 VAREL V537 . RIH BRIDGE AT 10568 FT.
		22:30	23:00	WASH/REAM 10568 TO 10600 FT.
		23:00	23:30	RIH TO 11737 FT.
		23:30	24:00	WASH/REAM 11737 TO 11812 75 FT.
		24:00	00:30	WIPE GAMMA 11812 TO 11827 FT.
		00:30	05:00	ROTATE 11827 TO 11880 FT 53 FT. 11.77 FPH.
				WATER 200/371686 BBLS PROD WATER 0/13700 BBLS. ROT/ SLIDE 7/852.5 HRS. WEATHER CLEAR AND WINDY HI TEMP +60 LOW 40 DEG
04/14/95	11926	05:00	07:00	ROT. 11880-11909
		07:00	08:00	SLIDE 11909-11913 TF 180
		08:00	08:30	ROT. 11913-11926
		08:30	12:30	WORK TIGHT HOLE 11914 TO 11926 FT.COULD WORK AND ROTATE FROM 11914 TO 11923 WOULD GET A DIFFERENTIAL OF 500 PSI.COULD NOT GET BACK TO 11926.
		12:30	14:00	MIX 40 BBL.HI VIS PILL. PULL 8 STDS. SPOT PILL 11158 UP ACROSS CSG SHOE.PUMP WT. PILL.
		14:00	17:30	POOH TO CK BIT AND BHA.LEFT BIT + BEARING PAC +BOTH ROTERS + 2 DRIVE SHAFTS IN HOLE. MOTOR TWISTED OFF PIN THAT SCEWS INTO BEARING PAC.
		17:30	18:30	LD MM AND MWD.
		18:30	19:30	SLIP & CUT DRILL LINE
		19:30	22:00	WO FISHING TOOLS.
		22:00	02:00	PU 4 11/16 OVER SHOT W/ CUT LIP SHOE..W/ 2.9 GRAPPLE RIH,BRIDGE 10600 FT.
		02:00	05:00	WASH/REAM THROUGH BRIDGES AT 10600,10650, 10746,10842,10900,

OPERATION SUMMARY REPORT

WELLNAME :UPRR 27-1H
AFE No. :017076
FIELD :LODGEPOLE UTAH

WELL No. :#1H
API No. :43-043-30306
RIG :CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 111 TO REPORT No. 117

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
				.
				WATER 0/371686 BBLS PROD WATER 0/13700 BBLS ROT/SLIDE 3.5/856 HRS. WEATHER CLEAR AND WINDY LAST 24 HRS.HI TEMP 60 LOW TEMP 45 DEG.
04/15/95	11926	05:00	07:00	ATTEMPT TO WORK BY BAD SPOT AT 10915 FT. W/ 4 11/16 OVERSHOT.
				.
		07:00	10:30	PUMP PILL,POOH W/ OVERSHOT TO MAKE A COND. RUN. CUTLIP GUIDE ON OVERSHOT WAS ROUNDED ON BOTTOM W/ SOME NICKS ON FACE.
				.
		10:30	11:30	BREAK DOWN FISHING TOOLS.
				.
		11:30	15:00	RIH W/ RR BIT. TAGGED UP AT 10581.
				.
		15:00	19:00	REAM 10581 TO 10645 FT..FREE TO 10915 WORKED BY JUNK AT 10915 ONCE. CAME UP THROUGH HAD TO WORK FOR APPROX. 2 1/2 HRS TO GET BACK BACK PASSED JUNK. WORKED UP AND DOWN 5-6 TIMES TOUCHED NOTHING.
				.
		19:00	20:00	RIH TO 11447 FT.
				.
		20:00	24:00	WASH/REAM 11447 TO 11895 FT. 448 FT FILL. TAGGED TOP OF FISH AT 11895.
				,
		24:00	01:30	CIRC.BOTTOMS UP.
				.
		01:30	03:00	SHORT TRIP 14 STDS... TOUCHED NOTHING UP OR GOING BACK THROUGH 10915. HAD 32 FT FILL.
				.
		03:00	04:30	CIRC.NAD COND. BOTTOMS UP.PUMP PILL.
				,
		04:30	05:00	POOH TO PU OVERSHOT. DIDNOT TOUCH ANYTHING AT 10915 OR 10580 FT.
				.
				WATER 80/371766 BBLS PROD WATER 0/13700 BBLS. ROT/SLIDE O/856 HRS. WEATHER BLIZZARD COND. PM...CLEAR AND CALM AM. TEMP + 25 DEG AM.
04/16/95	11926	05:00	08:00	POOH TO PU OVER SHOT.
				.
		08:00	09:00	PU 4 11/16 X 5" W/ 2.90 GRAPPLE OVERSHOT, XO,XO,BIT SUB, 2 MONELS,
				.
		09:00	10:30	RIG REPAIR, REPLACE POWER LIMIT CARD IN SCR.
				.
		10:30	13:30	TRIP IN BRIDGE AT 10595.
				.
		13:30	14:30	WASH/REAM 10595 TO 10615 FT.
				.
		14:30	15:00	TRIP IN FROM 10615 TO 11866 FT. FREE.
				.
		15:00	16:30	WASH TO 11890 FT.CIRC BOTTOMS UP.
				.
		16:30	17:30	WASH AND WORK OVER TOP OF FISH. 10895 W/ 2.90

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 111 TO REPORT No. 117

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			GRAPPLE.SWALLOWED 30' OF FISH.PULLED 20K OVER GRAPPLES SLIPPED OFF.
		17:30 21:00	POOH. DIDNOT SEE TIGHT SPOTS AT 10915 OR AT 10580 FT. DIDNOT RECOVER ANY PART OF FISH. GRAPPLE DULLED. HAD IMPRESSION OF FISH BEING BOTTOM OUT ON TOP SUB.
		21:00 22:00	DRESS OVERSHOT W/ 2.875 GRAPPLE.
		22:00 01:30	RIH BRIDGE AT 10580 FT.
		01:30 02:30	KELLY UP WASH AND REAM 10580 TO 10615 FT.
		02:30 03:30	RIH FREE TO 10953.BRIDGE AT 10953. PULL UP TO 10938. LD DOWN 2 SINGLES.
		03:30 05:00	KELLY UP SLACK OFF TO 10943 FT. PUT KELLY BUSHINGS IN . COULD NOT ROTATE...JARRED UP TO 10910 FT...JARRED DOWN TO 10953 FT. HAD FREE TRAVEL 10953 TO 10924 FT. ATTEMPT TO JAR UP. STUCK AT 10924 FT.
			WATER 80/371846 BBLS. PROD WATER 0/13700 BBLS ROT/SLIDE 0/856 HRS. WEATHER SNOW AND WINDY PM, CLEAR AND 20 DEG AM.
04/17/95	11926	05:00 06:00	WORK STUCK FREE AT 10924...
		06:00 10:00	POOH,LEFT 2 XO SUBS, + OVERSHOT INHOLE AT 10924 FT.MADE A MANUAL BACK OFF IN 3 1/2 REG BOX/PIN CONN...1ST JT ABOVE DCS HAD A DEEP GOUGH JUST BELOW TOP TOOL JOINT...4TH JT ABOVE DCS A BAD BEND. DEPTH OF BENT JOINT WHEN JARRING DOWN WAS AT 10728.
		10:00 15:00	LD DCS AND INSPECTED. WO 2 3/8 TUBING FOR STINGER TO CEMENT THROUGH.
		15:00 19:30	PU 14 JTS OF 2 3/8 TUBING RIH. BRIDGE AT 10650 FT
		19:30 20:00	WASH FROM 10650 TO 10892...WASHING W/ 2000 PSI 5-6 STRG WT.PRESSED UP TO 3500 PSI AT 10728 FT. WASHED ON DOWN TO 10892 W/ 5-6 WT.&2000 PSI.
		20:00 21:30	CIRC. WHILE DOWELL BATCH MIXED CEMENT.
		21:30 22:30	PUMP SIDE TRACK PLUG # 3.HOOK UP DOWELL. PUMPED 20 BBLS CHEM WASH AHEAD, PUMPED 300 SKS. G + 24% D44 +.075 GAL/SK D604AM +.03 GAL/SK M45. (64 BBLS SLURRY) 1.21 YLD, 16.2 PPG. PUMPED 2 BBLS CHEM WASH + DISPLACE W/60. BBLS MUD. PUMPED AT 4 BPM.
		22:30 23:30	RD DOWELL, PULL 15 STDS. SLOW.
		23:30 24:00	HOOK UP TO RIG PUMP REVESRE CIRC. TO CLEAR DP.

OPERATION SUMMARY REPORT

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SUMMARY OF OPERATIONS FROM REPORT No. 111 TO REPORT No. 117

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		24:00 03:30	POOH LD 14 JTS 2 3/ TUBING.LEFT 8.24 FT OF BOTTOM JT TUBING IN HOLE.TUBING MUST OF HOOK WALL OF HOLE AT 10728 FT.WHERE PUMP PRESS WENT 3500 PSI. DOUBLE OVER AND BROKE OFF.
		03:30 05:00	WAIT ON CEMENT FROM 2200-0500
			WATER 0/371856 BBLS. PROD WATER O/13700 BBLS. ROT/SLIDE 0/856 HRS. WEATHER PM +50 DEEG AM +20 DEG.

43-043-30306

DOUBLE JACK TESTING & SERVICES, INC.

B.O.P. test Report

B.O.P. test performed on (date) 3-21-95

Oil company UPRC

Well Name & Number UPRR 27-1H

Section 27

Township 2N

Range 6E

County Summit

Drilling contractor Cardinal 16

Oil company site representative Bob Austin

Rig tool pusher Leo Rollo

Tested out of Evanston

Notified prior to test

Copies of this test report sent to: BLM
State of Utah
UPRC

Original chart & test report on file at: Evanston Wy.

Tested by: Double Jack Testing & Services, Inc.
108 Parkview Road
P.O. Box 2097
Evanston, Wyoming 82930

Double Jack Testin & Services Inc.

FIELD TICKET
№ 11533

Accounting Office: P.O. Box 516 Shoshoni, WY 82649 • (307) 876-9390

Field Operations:
Shoshoni, WY (307) 876-2308
Rock Springs, WY (307) 382-4020
Evanston, WY (307) 789-9213
Vernal, UT (801) 781-0448

AFE 17076

DATE 3-21-95
OPERATOR UPRC
RIG NAME & NO. Cardinal 16
WELL NAME & NO. UPRR 27-1H

COUNTY	STATE	SECTION	TOWNSHIP	RANGE
Summit	UT	27	2N	6E

Items Tested:

	LOW TEST PSI	TIME HELD MINUTES	HIGHTEST PSI	TIME HELD MINUTES
Top Pipe Rams	250	5	5000	10
Bottom Pipe Rams				
Blind Rams	250	5	5000	10
Annular B.O.P.	250	5	3500	10
Choke Manifold	250	5	5000	10
Choke Line	250	5	5000	10
Kill Line				
Super Choke	250	5	3500	10
Upper Kelly	250	5	5000	10
Lower Kelly	250	5	5000	10
Floor Valve	250	5	5000	10
Dart Valve	250	5	5000	10
Casing				

Closing Unit PSI 3000
Closing Time of Rams 4 sec
Closing Time of Annular 9 sec
Closed Casing Head Valve Yes
Set Wear Sleeve No

COMMENTS

Repair Pipe Ram
Door seal, HCR,
Dart Valve

ADDITIONAL TESTS & COMMENTS

COPY TO:
UPRC Bob Austin
BLM
State of UT
T.P. Leo Roller

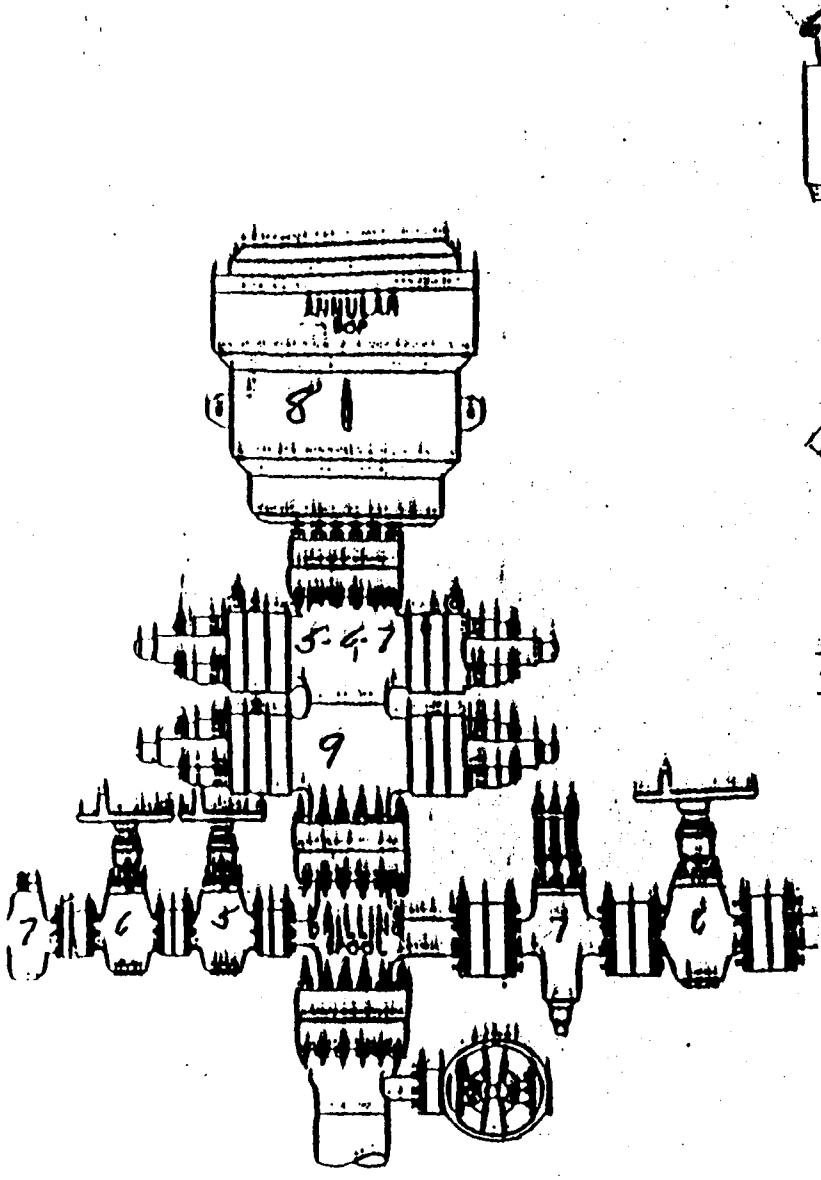
TEST PLUG 7 7/16 C-22
RET. TOOL
TOP SUB. 3½ IF
KELLY SUB.
X-OVER SUB.

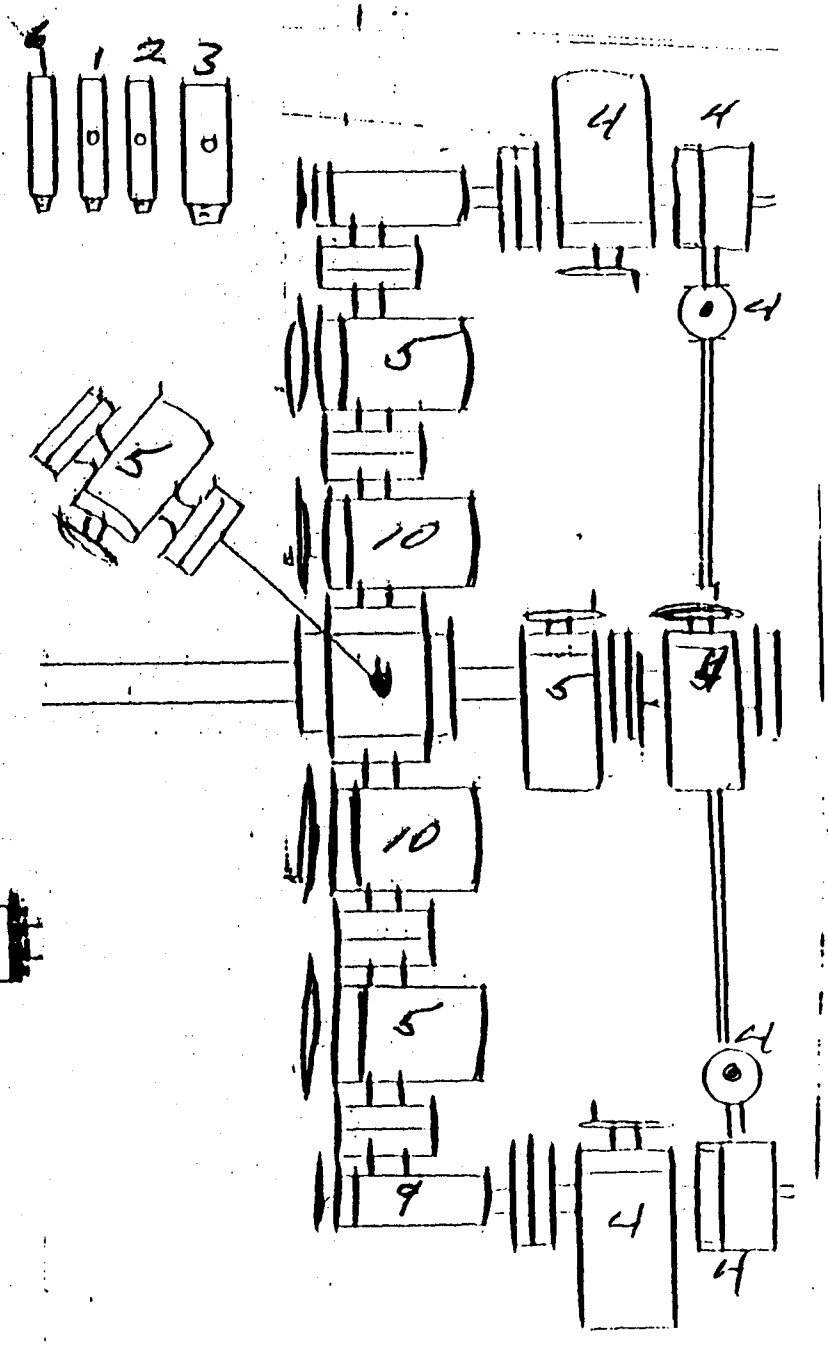
DOUBLE JACK TESTING

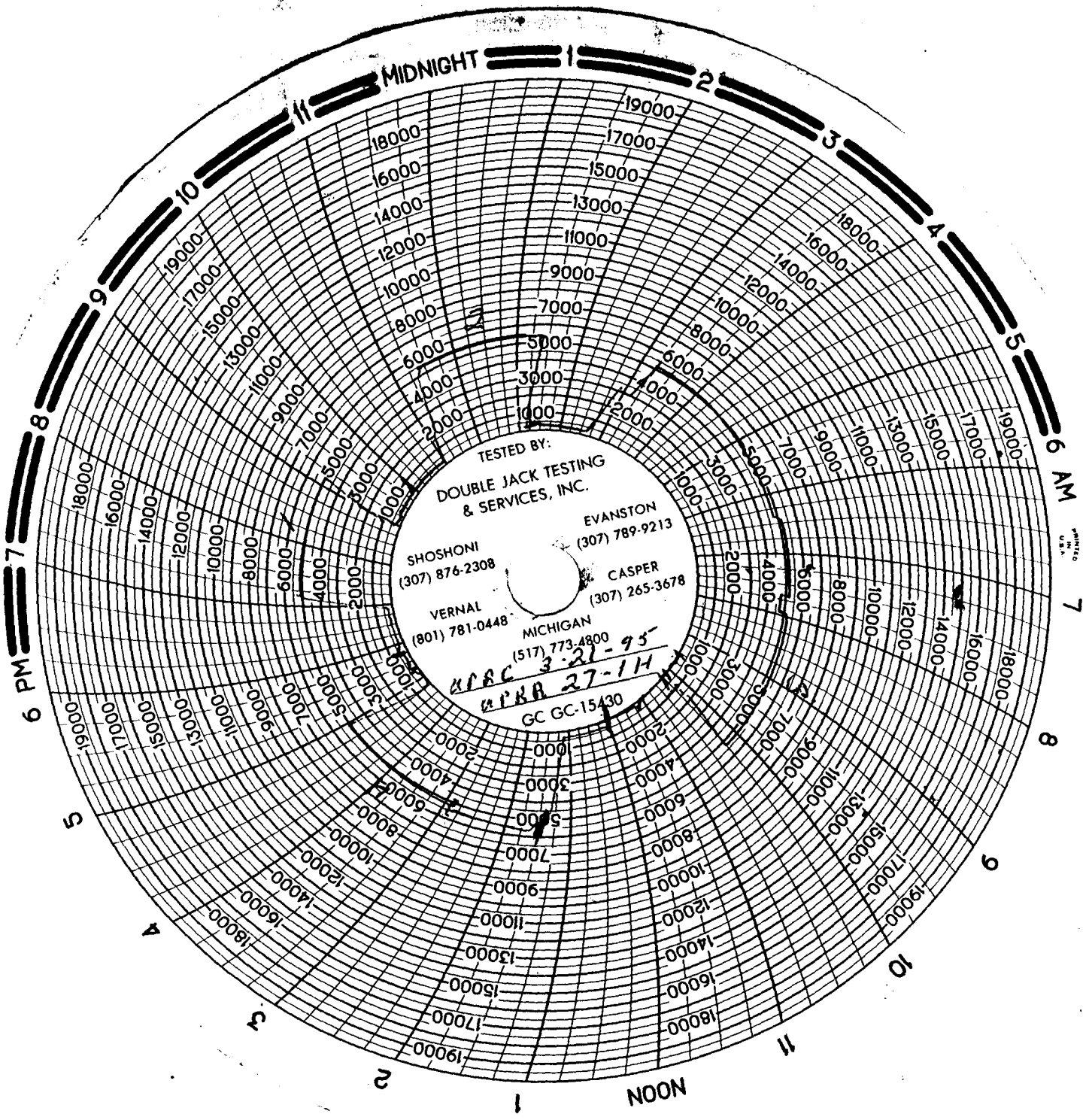
DATE 3-7-95
OPERATOR HARC

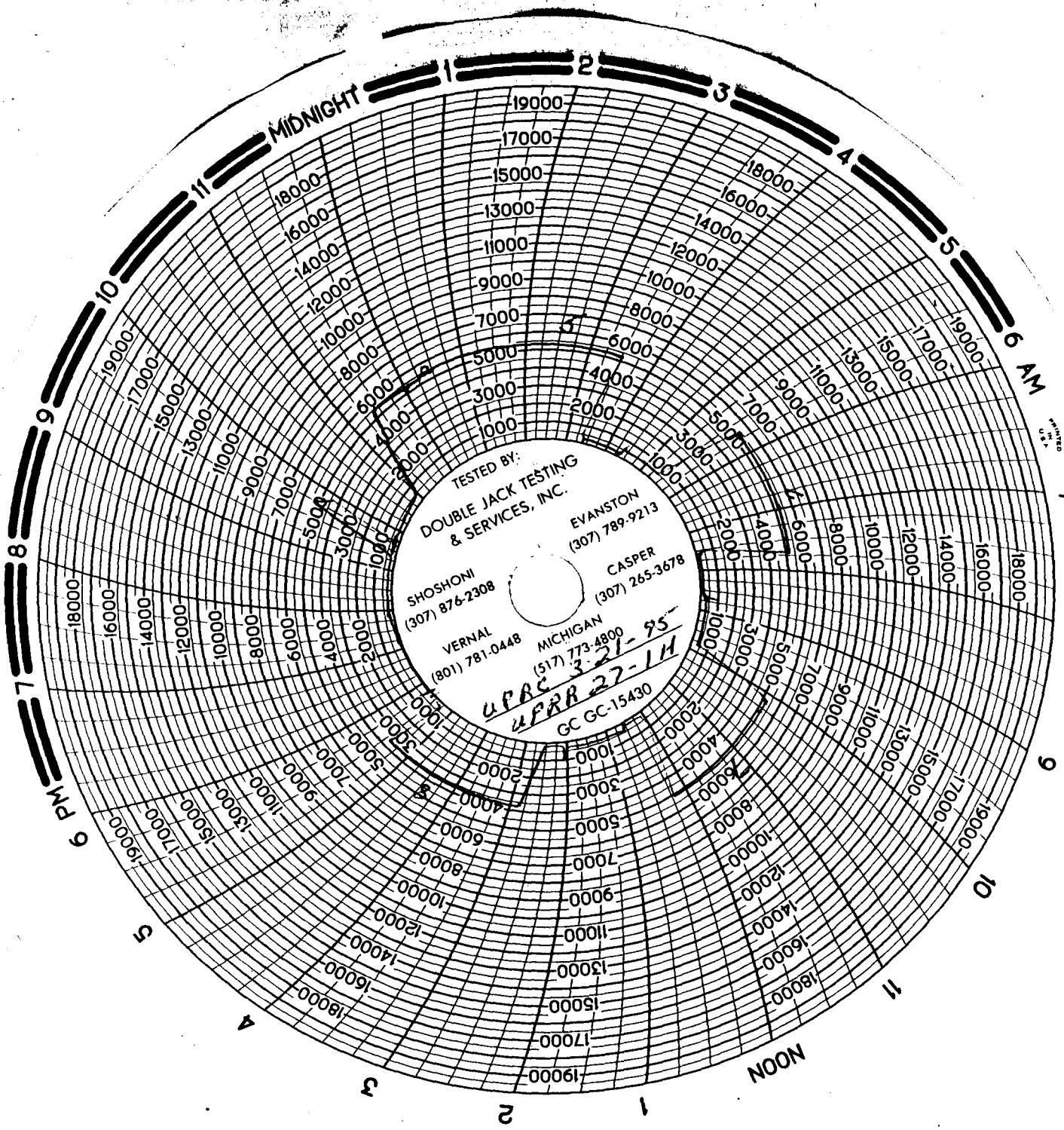
RIG Cardinal 16
WELL APRA 27-11

7:00 A	TEST #1	Safety Valve
7:20	TEST #2	Lower Kelly
7:45	TEST #3	Upper Kelly
8:15	TEST #4	Down stream manifold valves
9:00	TEST #5	Pipe Rams 1st kill 2nd set manifold valves
10:05	TEST #6	Pipe Rams 2nd kill HCR Dart Valve
10:30	TEST #7	Pipe Rams check valve 1st choke
10:49	TEST #8	Hydril
11:30	TEST #9	Blind Rams super choke
12:05	TEST #10	Inside manifold valves
	TEST #11	
	TEST #12	






MIDNIGHT
NOON
6 AM
6 PM
TESTED BY:
DOUBLE JACK TESTING
& SERVICES, INC.
EVANSTON
(307) 789-9213
SHOSHONI
(307) 876-2308
CASPER
(307) 265-3678
VERNAL
(801) 781-0448
MICHIGAN
(517) 773-4800
UPRC 3-27-95
UPRR 27-1H
GC GC-15430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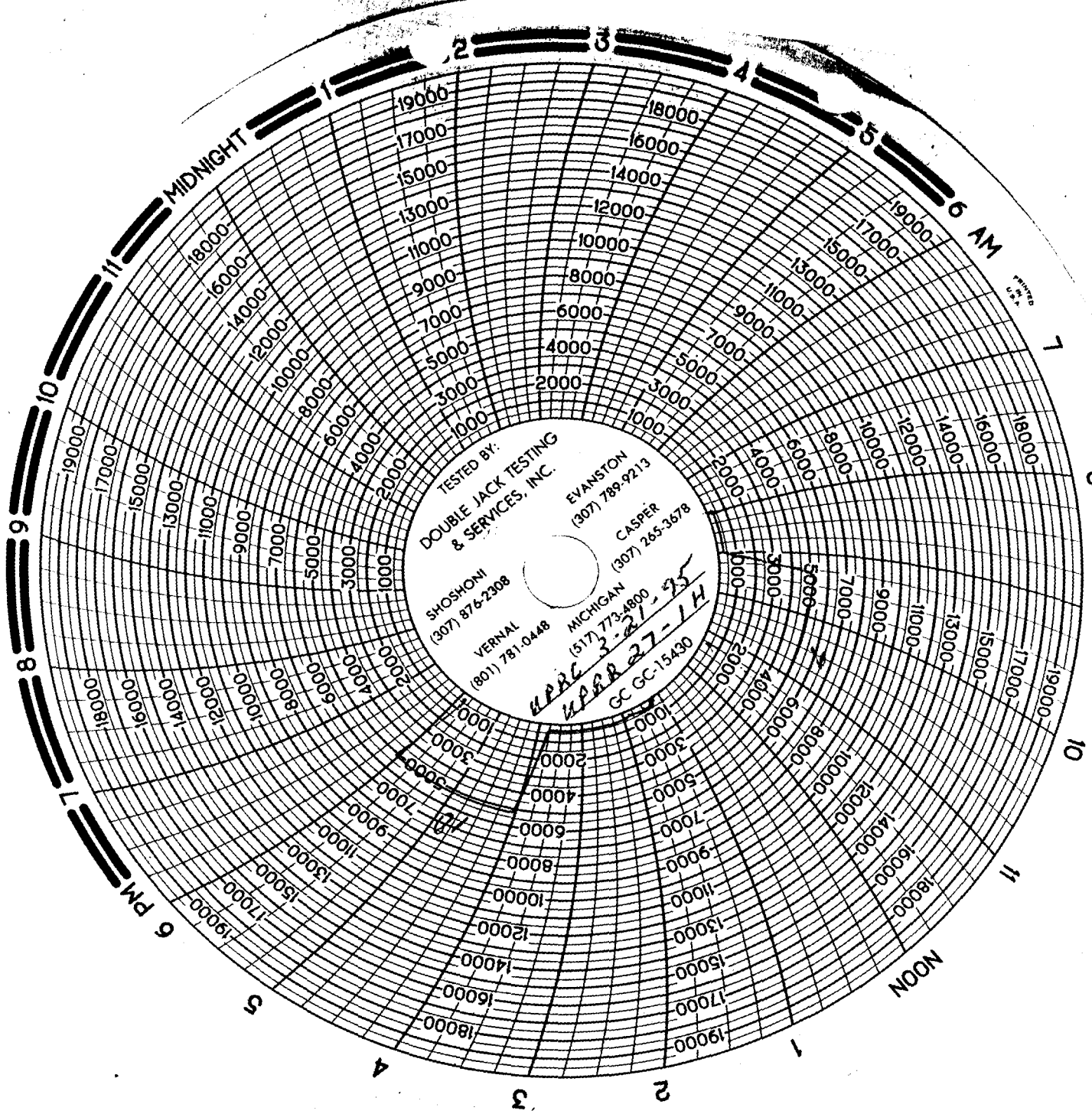
MICHIGAN
(517) 773-4800
UPRC 3-21-95
UPRR 2-27-14
GC GC-15430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TESTED BY:
DOUBLE JACK TESTING & SERVICES, INC.
EVANSTON (307) 789-9213
CASPER (307) 265-3678
SHOSHONI (307) 876-2308
VERNAL (801) 781-0448
MICHIGAN (517) 773-4800
WPRC 3-21, 25
WPRR 27-1H
GC GC-15430

4-26-95

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
APR 25 1995
DIV OF OIL, GAS & MINING

CONFIDENTIAL

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30306

10. Field and Pool, or Wildcat: LODGEPOLE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL (X) GAS ( ) OTHER:

2. Name of Operator: Union Pacific Resources Company

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other_____			
Approximate date work will start_____		Date of work completion_	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 18, Week Ending April 24, 1995

Well Spudded December 21, 1994.

Please refer to attached Daily Operations Summaries for detail.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date 95-04-24

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 118 TO REPORT No. 124

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
04/18/95	10638	05:00 12:00	WAIT ON CEMENT SIDE TRACK PLUG #3...RIH SLM IN.
		12:00 14:00	KELLY UP WASH AND REAM 10555, TO 10620 TAGGED GOOD CEMENT AT 10620 FT.
		14:00 16:00	DRILL CEMENT 10620 TO 10634 FT BIT QUIT.
		16:00 19:30	POOH TO CK. BIT. BIT WAS PINCHED WHILE DRLG W/8-10 BIT WT.
		19:30 21:00	PU 1.5 DEG TANDEM MM, + MWD. ALIGN TOOLS. KELLY UP FOR SHALLOW TEST.
		21:00 24:00	RIH W/MM. TO 10586 FT. HAD NO PROBLEM GOING CSG. SHOE.
		24:00 02:00	KELLY UP CK TOOLS, WASH AND REAM 10586 TO 10634 FT. REAM ED SLOW AND EASY SO AS NOT TO PINCH BIT.
		02:00 05:00	WORK A TROUGH W/ TOOL FACE AT 165 R. TIME DRILL 10634 TO 10635 1 FT.PER HR. DRILL 2 FT PER 10635 TO 10638 FT. TF 165 R.
			WATER 200/371056 BBLS PROD WATER 0/13700 BBLS. ROT/SLIDE 3/859 HRS. WEATHER SNOW AND RAIN LAST 24 HRS. TEMP 25 DEG.
04/19/95	10713	05:00 07:30	TIME DRILL 10638 TO 10646 TF 165 R 7' 3 FPH.
		07:30 09:30	PULSER QUIT WORKING ON MWD.CK SURFACE EQUIT. MIX AND PUMP PILL.
		09:30 12:30	POOH TO CK OUT MWD.
		12:30 14:30	BREAK DOWN CK. MWD. PULSER HAD A SHORT IN THE ELECTRIC.PU AND ALIGN TOLLS. KELLY UP TO DO SHALLOW TEST.
		14:30 17:30	RIH W/ BIT #46.NO PROBLEM AT CSG SHOE.KELLY UP WASH 15 FT TO BOTTOM.
		17:30 01:00	TIME DRILL 10646 TO 10681 TF 95 R. 35 FT 4.66
		01:00 01:30	SURVEY AT 10636 FT.
		01:30 03:30	SLIDE 10681 TO 10692 TF 95 R.11 FT 5.5 FPH.
		03:30 05:00	ROTATE 10692-10713 21 FT 14 FPH.
			WATER 200 /371256 BBLS PROD WATER 0/13700 BBLS ROT/SLIDE 13.5/872.5 HRS. SNOWED OFF AND LAST 24 HRS. TEMP 40 DEG.
04/20/95	10870	05:00 14:30	ROTATE 10713-10809 96 FT 10.10 FPH DRILLED CEMENT FROM 10724 TO 10735 FT. THIS THE SECTION WHERE WE LOST 8 FT OF 2 3/8

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 118 TO REPORT No. 124

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			TUBING WHEN SETTIG CEMENT PLUG.
		14:30 17:00	SLIDE 10809-10841 32 FT.12.8 FPH TF 30 R
		17:00 19:00	ROTATE 10841-10859 18 FT. 9 FPH.
		19:00 22:30	POOH FOR BIT # 47
		22:30 23:00	CHANGE BITS. PU 5.875 PDC.
		23:00 24:00	RIH TO 57 FT. PDC WOULD NOT GO PAST CSG CONN. PULL OUT CHANGE BITS TO 5.875 TRI CONE. F-3
		24:00 04:00	RIH,WASH 5 FT TO BOTTOM. NO TROUBLE AT CSG SHOE
		04:00 05:00	ROTATE 10859 TO 10870 FT. 11 FT. 11 FPH.
			WATER 90/371346 BBLS. PROD WATER 0/13700 BBLS ROT/SLIDE14.5/887 HRS. WEATHER RAIN AND SNOW OFF AND ON LAST 24 HRS.
04/21/95	11024	05:00 10:30	SLIDE 10870-10900 TF 30 R 3.63 FPH. MOTOR LOCKED UP.
		10:30 11:30	PUMP UP SURVEY. MIX AND PUMP PILL
		11:30 14:30	POOH TO CHANGE MM.
		14:30 16:00	LD 1.5 TANDEM FIXED PU 1.5 TANDEM FIXED.ALIGN TOOLS.DO A SHALLOW TEST.
		16:00 17:00	RIH 40 STDS.FILL PIPE.
		17:00 18:00	SLIP & CUT DRILL LINE 143 FT.
		18:00 20:30	RIH. FILL 40 STDS. RIH TO 10860 FT. KELLY UP WASH TO BOTTOM NO FILL.WASH AND WORK TO CLEAR BOTTOM. NO TIGHT SPOT ON TRIP.
		20:30 22:00	SLIDE 10900-10935 45 R 35' 23 FPH
		22:00 23:00	ROTATE 10935-10951 10' FPH.
		23:00 02:30	SLIDE 10951-10989 70 R 38 FT, 11 FPH
		02:30 03:00	ROTATE 10989-10999 10' 20 FPH.
		03:00 04:00	SLIDE 10999-11009 20 R 10' FPH
		04:00 05:00	ROTATE 11009-11024 15' 15 FPH.
			WATER 0/371346 BBLS. PROD. WATER 0/13700 BBLS. ROT/SLIDE 14/901 HRS. WEATHER SNOWED OFF&ON LAST 24 HRS. TEMP 20 DEG
04/22/95	11350	05:00 07:00	SLIDE 11024-11051 20 R 20' 10 FPH
		07:00 08:00	ROTATE 11051-11079 28' 28 FPH

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 118 TO REPORT No. 124

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		08:00 09:00	SLIDE 11079-11096 25 R 17' 17 FPH
		09:00 10:00	ROTATE 11096-11112 16' 16 FPH
		10:00 11:30	SLIDE 11112-11130 16 R 18' 12 PFH
		11:30 12:30	ROTATE 11130-11160 30' 30 FPH
		12:30 05:00	SLIDE 11160-11350 22/45 R 190' 11.5 FPH WATER 200/371546 BBLS PROD WATER 0/13700 BBLS ROT/SLIDE 24/925 HRS. WEATHER CLOUDY AND WINDY LAST 24 HRS. TEMP 45 DEG PM 32 DEG AM.
04/23/95	11650	05:00 24:00	SLIDE 11350-11594 17L-17R 244 FT 12.84 FPH.
		24:00 05:00	SLIDE 11594-11650 17R-17L 56 FT 11.2 FPH. WATER 100/371646 BBLS PROD WATER 0/13700 BBLS. ROT/SLIDE 24/949 HRS. WEATHER 2" OF IN THE PM. TEMP 30 DEG.
04/24/95	11717	05:00 07:30	SLIDE 11650-11679 17L-17R 29 FT 11.6 FPH WAS GETING 8-9 DEG DOGLEG NEED 13 TO 13.5.
		07:30 08:30	MIX AND PUMP PILL.
		08:30 11:30	POOH TO CHANGE MM FROM 1.5 FIXED TO 1.75 ADJT. TIGHT SPOT AT 10620 ON TRIP OUT.
		11:30 13:00	LD 1.5 FIXED MM. PU 1.75 ADJT.INSTALL AND ALIGN MWD. DO SHALLOW TEST.
		13:00 15:30	RIH BRIDGE AT 10578 FT. 18 FT BELOW CSG.
		15:30 17:30	WASH/REAM 10578-10658. RIH TO 11665 . WIPE GAMMA 11665 TO 11679 FT.
		17:30 18:30	HAD TO MAKE TROUGH TO FIT 1.75 MM.
		18:30 05:00	SLIDE 11679-11717 HS 38 FT. 3.7 FPH. DRILL 3-4 FT.MOTOR WILL STALL.ACTS LIKE FORMATION MAY BE FRACTURED. MOTOR WILL STALL W/ 200 PSI DIFFERENTIAL.HAVE TO STACK 40-42K STRG WT. TO GET 10-12 K BIT WT. WATER 0/371646 BBLS PROD WATER 0/13700 BBLS. ROT/SLIDE 13/962 HRS. WEATHER SNOW FLURRIES OFF AND ON LAST 24 HRS. TEMP 30 DEG.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY 3 1995
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial No.
NA

6. If Indian, Allotee or Tribe Name
NA

7. Unit Agreement Name
NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well:
OIL (X) GAS ( ) OTHER:

8. Well Name and Number
UPRR 27-1H

9. API Well Number
43-043-~~306~~ 30306

2. Name of Operator
Union Pacific Resources Company

CONFIDENTIAL

10. Field and Pool, or Wildcat
LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County SUMMIT
QQ, Sec., T., R., M. SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other			

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 19, Week Ending May 1, 1995

Well Spudded December 21, 1994.

See attached Daily Operations Summaries for detail.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 95-05-01

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 124 TO REPORT No. 131

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
04/24/95	11717	05:00 07:30	SLIDE 11650-11679 17L-17R 29 FT 11.6 FPH WAS GETING 8-9 DEG DOGLEG NEED 13 TO 13.5.
		07:30 08:30	MIX AND PUMP PILL.
		08:30 11:30	POOH TO CHANGE MM FROM 1.5 FIXED TO 1.75 ADJT. TIGHT SPOT AT 10620 ON TRIP OUT.
		11:30 13:00	LD 1.5 FIXED MM. PU 1.75 ADJT.INSTALL AND ALIGN MWD. DO SHALLOW TEST.
		13:00 15:30	RIH BRIDGE AT 10578 FT. 18 FT BELOW CSG.
		15:30 17:30	WASH/REAM 10578-10658. RIH TO 11665 . WIPE GAMMA 11665 TO 11679 FT.
		17:30 18:30	HAD TO MAKE TROUGH TO FIT 1.75 MM.
		18:30 05:00	SLIDE 11679-11717 HS 38 FT. 3.7 FPH. DRILL 3-4 FT.MOTOR WILL STALL.ACTS LIKE FORMATION MAY BE FRACTURED. MOTOR WILL STALL W/ 200 PSI DIFFERENTIAL.HAVE TO STACK 40-42K STRG WT. TO GET 10-12 K BIT WT.
			WATER 0/371646 BBLS PROD WATER 0/13700 BBLS. ROT/SLIDE 13/962 HRS. WEATHER SNOW FLURRIES OFF AND ON LAST 24 HRS. TEMP 30 DEG.
04/25/95	11777	05:00 08:00	SLIDE 11717-11724 HS 7 FT 2.3 FPH. MM PRESS.UP
		08:00 12:30	POOH TO CK MM. WET TRIP.
		12:30 13:30	LD 1.75 ADJT. PU 1.75 ADJT. ALIGN TOOLS. SHALLOW TEST TOOLS.
		13:30 16:30	RIH TO 11724 FT. NO PROBLEM AT SHOE.
		16:30 23:00	SLIDE 11724- 11777 TF 10L 53 FT 8.8 FPH. MM LOCKED UP.
		23:00 23:30	SURVEY, PUMP PILL.
		23:30 03:00	POOH TO CK. MM. SEEN A BOBBLE AT CSG SHOE.
		03:00 04:00	LD 1.75 ADJT..PU 1.5 FIXED + PDC 5 5/8 BIT. ALIGN AND CK TOOLS.
		04:00 05:00	RIH W/ 1.5 TANDEM MM. + PDC BIT.
			WATER 0/371646 BBLS PROD. WATER 0/13700 BBLS ROT/SLIDE 9.5/971 HRS. WEATHER CLEAR AND WINDY LAST 24 HRS. TEMP +35
04/26/95	11975	05:00 08:00	RIH, WASH THROUGH BRIDGE AT 10580-10610. TRIP IN TO 11709 FT.
		08:00 08:30	WASH 10709-11777 FT.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 124 TO REPORT No. 131

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
		08:30 16:00	SLIDE 11777-11869 HS. 76 FT. 10 FPH.
		16:00 05:00	ROTATE 11583-11975 FT.
			WATER 240/371886 BBLS. PROD WATER 0.13700 BBLS. ROT/SLIDE 20.5/991.5 HRS. WEATHER SNOWED 2" PM. 30 DEG AM. .....LOST 40 BBLS FLUID TO HOLE.....
04/27/95	12239	05:00 07:00	DRILL ROTATE 11,975'-11,996'.21' @ 10.5'/HR.
		07:00 09:00	DRILL SLIDE 11,996'-12,015'. 10'/HR.
		09:00 13:30	DRILL ROTATE 12,015'-12,061'.45' @ 10.2'/HR.
		13:30 15:30	DRILL SLIDE 12,061'-12,083'.22' @ 11'/HR.
		15:30 17:00	DRILL ROTATE 12,083'-12,094'.11' @7.3'.HR.
		17:00 19:15	DRILL SLIDE 12,094'-12,115'.21' @ 8.4'/HR.
		19:15 05:00	DRILL ROTATE 12,115'-12,239'.124' @ 12.7'/HR.
			WATER:)/371,886 BBLS. PROD WATER: 0/13,700 ROT/SLIDE: 24/1015.5 WEATHER: CLEAR, NO PRECP, TEMP 35 TO 45 DEG.
04/28/95	12445	05:00 08:30	DRILL ROTATE 12,239'-12,288'.49' @14'/HR.
		08:30 09:30	LOST ALL MUD RETURNS, CONTINUE PUMPING & WORKING PIPE, REGAINED CIRCULATION AFTER LOSING 300 BBL.
		09:30 10:00	TRIP TO RECOVER DRILL PIPE SCREEN
		10:00 15:00	DRILL ROTATE 12,288'-12,352'.63' @ 12.8'/HR. LOSING 60-70 BBLS/HR
		15:00 05:00	DRILL SLIDE 12,352'-12,445'.93' @ 6.6'/HR. LOSING 70-80 BBLS/HR. LOST ALL RETURNS @ 12,444'. GETTING SOME RETURNS OFF & ON.
			WATER: 0/371,886 PROD WATER: 0 /13,700 ROT/SLIDE: 22.5/1038 WEATHER: CLEAR AM, LIGHT RAIN PM, TEMP 35-45
04/29/95	12667	05:00 08:00	DRILL SLIDE 12,445'-12,466,TF HS,21'@7'/HR.
		08:00 20:00	DRILL ROTATE 12,466'-12,578'. 112' @ 9.3'/HR.
		20:00 21:30	DRILL SLIDE 12,578'-12,588'. TF-180,
		21:30 01:30	DRILL ROTATE 12,588'-12,643'.55' @ 13.5'/HR.
		01:30 03:00	DRILL SLIDE 12,643'-12,650'. TF-180
		03:00 03:30	WORK TIGHT HOLE, REAM. 100K OVER.

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 124 TO REPORT No. 131

DATE	DEPTH	TIME		WORK DESCRIPTION DIARY
		03:30	05:00	DRILL ROTATE 12,650'-12,667'.17'@ 11.3'/HR. . TARGET CENTER LINE: 20'BELOW @ 14 DEG. ABUNDANT PRUESS IN SAMPLE @ 12,640'. OIL ON PITS @ 12,580'. DRILLING WITH 80-90% RETURNS. . WATER: 240/372,126 PROD WATER: 0/13,700 ROT/SLIDE: 23.5/1061.5 WEATHER: CLEAR, NO PRECP. TEMP 35-45 ABOVE.
04/30/95	12707	05:00	06:00	DRILL ROTATE 12,667'-12,675'. 8'.
		06:00	07:30	DRILL SLIDE 12,675'-12,685'.TF H.S.
		07:30	09:00	DRILL ROTATE 12,685'-12,707'. 14.6'/HR.
		09:00	10:00	CIRCULATE OUT SWEEP,PUMP PILL. NO LARGE AMOUNT OF CUTTINGS SEEN WITH SWEEP.
		10:00	14:00	TRIP, FIRST THREE STANDS PULLED TIGHT, NORMAL DRAG THERE AFTER.
		14:00	15:00	CHANGE OUT MUD MOTORS, CHECK BIT, ONE MISSING CUTTER, 20% WEAR ON SHOULDER CUTTERS, IN GUAGE.
		15:00	18:30	TRIP TO 10,560'.
		18:30	19:30	WASH/REAM 10,570'-10,618'.SMALL BRIDGE, HAD TO FEEL AROUND FOR SIDE TRACK HOLE.
		19:30	20:00	STAB ROTATING HEAD RUBBER.
		20:00	20:30	TRIP TO 11,760'.
		20:30	21:30	HIT BRIDGE,WORK STUCK PIPE, CAME FREE & WASHED DOWN FROM 11,760'-11,850'.
		21:30	22:00	TRIP TO 11,953'.
		22:00	05:00	SET DOWN 10K, PIPE BECAME STUCK, KELLY UP, HAVE GOOD RETURNS, NO DIFF. ON MUD MOTOR. NO PIPE MOVEMENT UP/DOWN. PULLING 135K OVER. SPOTTED 60 BBLS. ENVIR TORQUE AROUND BHA. WORK PIPE. NOW RIGGING UP PETRO LOG. . WATER: 0/372,126 PROD WATER: 0/13,700 ROT/SLIDE:4/1065.5 WEATHER: OVER CAST AM, RAIN & SNOW PM. TEMP 30-40 DEG.
05/01/95	12707	05:00	05:30	WORK STUCK PIPE
		05:30	10:00	RIG UP PETRO LOG,RIH TO 8600',GET STRETCH/ TORQUE READING.CONTINUE IN: DEPTH STRETCH TORQUE 10,250- -70- -40

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 124 TO REPORT No. 131

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
			10,600- -45- -45 10,900- -0- -0 10,750- -0- -0 10,665- -0- -0 10,606- -10- -14 10,516- -50- -56 TOOL JTS @ 10,550',10,519',10,487'.
		10:00 13:00	CIRCULATE/CONDITION MUD, SPOT 40 BBL. DIESEL/ PIPE LAX, JARRED UP 4 TIMES, SET DOWN TO COCK JARS PIPE WENT FREE.
		13:00 15:00	CIRCULATE, WORK PIPE, NO DRAG UP/DOWN ROTATING WITH 300 AMPS.
		15:00 20:30	PUMPED OUT 1 JT. SET KELLY BACK, PIPE STUCK, CIRCULATE & WORK PIPE, STRING WOULD GO DOWN BUT NO UP(KELLY ON STRING) STUCK @ 11,968'.
		20:30 21:30	REMOVE GOOSE NECK,GO IN WITH DRILL PIPE SCREEN RETRIVING TOOL, PULLED FISH NECK OUT OF SCREEN.
		21:30 24:00	PREFORM BLIND BACK OFF, 40 TURNS TO LEFT BEFORE SEPERATION, LOST 100K WT.
		24:00 02:00	TRIP OUT WITH 7 STANDS, SEVERAL CONNECTIONS LOSE & GALLED, RE TORQUED, TRIP IN
		02:00 04:00	SCREW IN, ENGAGE FISH 6' LOWER,WORKED TORQUE IN TO RIGHT, TESTED TORQUE TO LEFT WITH 10 ROUNDS, BACKED OFF, TRIP OUT WITH 13 STANDS. RE TORQUED, TRIP IN
		04:00 05:00	SCREW IN. TAG 75' LOWER, WORKED TORQUE IN, PULL 30', FISH FREE, DRAG UP 290K.
			WATER: 0/0/372,126 PROD WATER: 0/13,700 ROT/SLIDE: 0/1065.5 WEATHER: WET SNOW AM, CLEARING PM , TEMP 30-45

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY 4 1995
DIV. OF OIL, GAS & MINING

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30630

2. Name of Operator: Union Pacific Resources Company

CONFIDENTIAL

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other:	
(X) Other: Temporary suspension/possible abandonment			

Approximate date work will start_____

Date of work completion_____

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Please be advisved that as of this date, May 3, 1995, work on the UPRR 27-1H has been suspended and the rig released. The hole is presently junked and may eventually be abandoned.

UPRC is presently reviewing the engineering of the well and will make a decision as to its final disposition shortly.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-05-03

(This space for State use only)

(12/92)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY 5 1995
DIV. OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-~~306~~ 30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM
County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Weekly Progress Report	
( ) Other:			

Approximate date work will start

Date of work completion

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Weekly Progress Report No. 20, Week Ending May 8, 1995

Well Spudded December 21, 1994

Well was badly junked May 2, 1995; rig released and well temporarily abandoned May 4, 1995, pending review of available options.

Please see accompanying Daily Operations Summaries for detail.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date:95-05-04

(This space for State use only)

(12/92)

OPERATION SUMMARY REPORT

WELLNAME	:UPRR 27-1H	WELL No.	:#1H
AFE No.	:017076	API No.	:43-043-30306
FIELD	:LODGEPOLE UTAH	RIG	:CARDINAL 16E

SUMMARY OF OPERATIONS FROM REPORT No. 132 TO REPORT No. 134

DATE	DEPTH	TIME	WORK DESCRIPTION DIARY
05/02/95	12707	05:00 11:00	TRIP OUT, LOST IN HOLE 14 STANDS D.P., BHA. TOF @ 10,573'. BIT @ 12,029'. FL 1456'.
		00	BROKE DRILL PIPE OFF IN MIDDLE OF JT. BENT OVER WITH MAX. O.D. OF 4.5:.
		11:00 18:00	WAIT ON FISHING TOOLS, SLIP/CUT DRILL LINE CLEAN MUD TANKS.
		18:00 19:00	PICK UP 9'-5.5" WALL HOOK CONNECTED TO A TOP SUB DRESSED WITH A FLAT BTM. MILL. B. SUB,JAR,4-D.C.'S.
		19:00 23:00	TRIP IN, LAY DOWN DAILEY JARS.
		23:00 04:00	WORK WALL HOOK, TAG UP @ 10,567'.SET DOWN IN SAME PLACE ALL MOST ALL THE TIME, ONCE IN A WHILE WOULD SET DOWN 2' @ 10,565'.DID NOT LOOK LIKE FISH WAS HOOKED OR ANY MILLING WAS DONE. WOULD TORQUE & STALL ROTARY WITH 10K PICK UP AND LOSE TORQUE RIGHT AWAY, INDICATING THAT WALL HOOK WAS BESIDE FISH AND NEVER HOOKING IT. PUMPED 250 BBL. MUD TO GET MUD RETURNS.
		04:00 05:00	TRIP OUT.
			WATER: 0/372,126 PROD WATER: 0/13,700 ROT/SLIDE: 0/1065.5 WEATHER: CLEAR AM, RAIN TURNING TO SNOW PM. TEMP, 30-45 ABOVE.
05/03/95	12707	05:00 07:30	TRIP,LOST IN HOLE WALL HOOK ,MILL
		07:30 13:30	WAITING ON SUPPLIES
		13:30 14:30	PICK UP .75" TAPER SPEER
		14:30 17:00	TRIP IN, WORK SPEER
		17:00 02:00	LD/PU DRILL PIPE/TBG.
		02:00 05:00	ND BOP/DIVERTER
			WATER: 0/372,126 PROD WATER: 0/13,700 ROT/SLIDE: 0/1065.5 WEATHER: CLEARING
05/04/95	12707	05:00 16:00	NIPPLE DOWN B.O.P.,CLEAN TANKS, RIG DOWN RENTAL TOOLS.
		:	RIG RELEASED @ 1700 HRS. 5/3/95

UNION PACIFIC RESOURCES COMPANY

U.P.R.R. - #27-1H
Section 27, T2N, R6E
Summit County, Utah

43-043-30306

CONFIDENTIAL

Consulting Geologist:
Michael D. Hirsch

INTRODUCTION

Company:	Union Pacific Resources
Well Name:	U.P.R.R. #27-1H
Surface Location:	Section 27, T2N, R6E 904' FSL, 578' FEL Summit County, Utah
Bottom Hole Location of Lateral #1:	
Field Name:	Lodgepole
Area:	Overthrust Belt of northeastern Utah
Elevations:	K.B. - 7821' G.L. - 7798'
Spud Date:	December 21, 1994
Completion Date:	
API No.:	43-043-30306
AFE:	17076
Total Depths:	Lateral #1; M.D., TVD. Lateral #2; M.D., TVD.
Producing Formation:	Watton Canyon Member of the Twin Creek Formation
Drilling Contractor:	Cardinal Drilling Company Billings, Montana
Rig and Type:	Rig #16E; Diesel Electric
Drawworks:	Emsco D-3
Pumps:	#1 - Emsco F-1000; 10" stroke, 6" liners #2 - Emsco F-1000; 10" stroke, 6" liners
Toolpushers:	Leo Roller, Jr.; Garney Rosendahl
Drilling Foremen:	Bob Austin, Bob Williams
Company Geologist:	Ross Matthews, Steve Walker
Geological Consultant:	Michael D. Hirsch; Powell, Wyoming
Mud Company:	Baroid Drilling fluids Denver, Colorado
Mud Engineers:	Carlos Bassett, Leon Berg

Drilling Fluids:	Water - 90' to 2015' L.S.N.D. - 2015' to 9900' Weighted Salt - 9900 to 12,707' Water -
Mudlogging Services:	Log-Rite Well Logging, Inc. P. O. Box 69 Timnath, Colorado
Sample Evaluation:	20' Samples from 8890' to 30' Samples from to
Gas Detection Equipment:	Baseline F.I.D. Chromatograph and Total Gas Analyzer.
Hole Sizes:	17½" 0 to 81' 14-3/4" 81' to 2015' 9-7/8" 2015' to 8425' 7-7/8" 8425' to 11,275' Plug back well bore 5-7/8" 10,634' to 10,900' 5-5/8" 10,900' to
Casing Sizes:	16" Surface to 81' 10-3/4" 0' to 2009' 8-5/8" 0' to 3677' 7" 0' to 10,590'
Directional Company:	Sperry-Sun Drilling Services Casper, Wyoming
Directional Engineers:	Steve Neubauer, Gerry Sophr, Tom Saims
Directional Equipment:	Delmar Directional Services
Directional Drillers:	Hershal Gaddy, Charlie Hodges
Cement Company:	Dowell Schlumberger Evanston, Wyoming
Offset Logs:	Union Pacific Resources Company U.P.R.R. #35-2H Section 35, T2N, R6E Summit County, Utah Union Pacific Resources Company U.P.R.R. #34-1H Section 34, T2N, R6E Summit County, Utah

WELL SUMMARY

The U.P.R.R. #27-1H well is part of Union Pacific Resources' horizontal development program of the Watton Canyon Member of the Twin Creek Limestone. This well was located in the Lodgepole Field of the Overthrust Region of northeastern Utah. This area is noted for marginal vertical wells in the Twin Creek Formation. This program is designed to enhance oil production by drilling downdip through naturally occurring fractures in the "sweet spot" of the Watton Canyon Member.

The well was spud on December 21, 1994, by Cardinal Drilling Company, rig number 16E, using fresh water to drill the surface part of the hole. The well had several uphole drilling problems; a fishing job attempted to recover a bottom hole assembly and later, severe lost circulation forced the setting of 8-5/8" casing at 3677'. From this point, a 7-7/8" hole was directionally drilled using Sperry-Sun Drilling Services in conjunction with Delmar Directional Systems to steer the wellbore to a point within the lease area. Inability to steer the hole correctly resulted in numerous trips from 9000' to 11,275'.

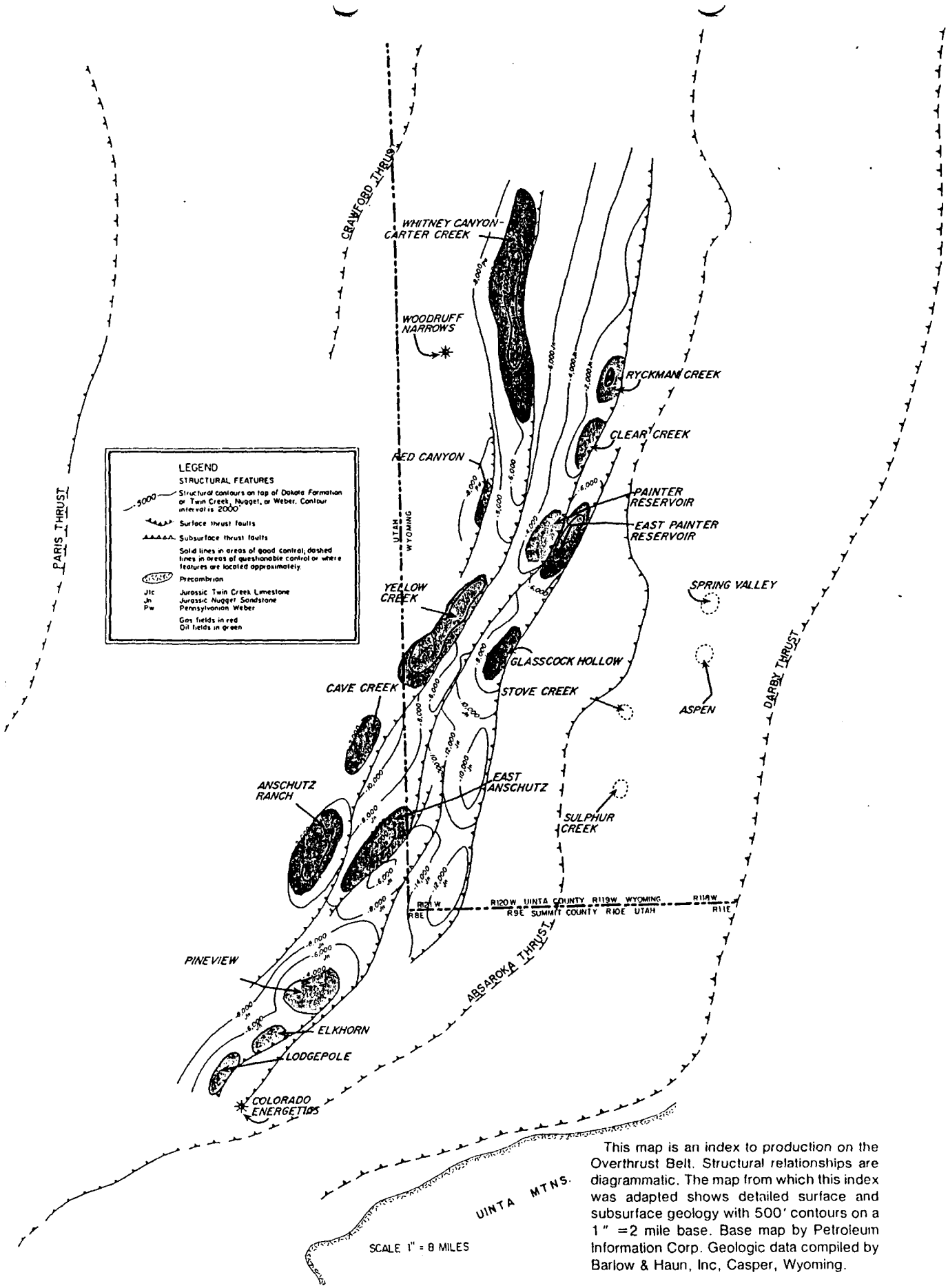
Casing was attempted to be set at 11,275', but the 7" casing became stuck in the Pruess Salt at 10,590' when running in the hole. The casing was cemented at this depth. Directional drilling tools failed to get past the open hole section of salt, and reaming tools were picked up to open the well bore's diameter due to the swelling salt. After several reaming runs, the 7" casing was apparently severed 15' from the shoe and was lost downhole as an unretrievable fish. The well was plugged back to 11,075' and kicked off at this point.

Directional drilling commenced again with several problems in building the correct inclination and azimuth. The Watton Canyon Target Zone was penetrated at too steep an angle, and the Boundary Ridge Member was topped at 11,920'. At a depth of 11,927', the mud motor quit working and, upon reaching surface to replace the motor, it was discovered that the motor and Bit #44 were left in the hole. Several fishing trips and reaming runs were unsuccessful. Another piece of 7" casing was severed from the drill string and torn off the overshot fishing tool at an approximate depth of 10,915'. A cement plug was then placed over these fish and the plug

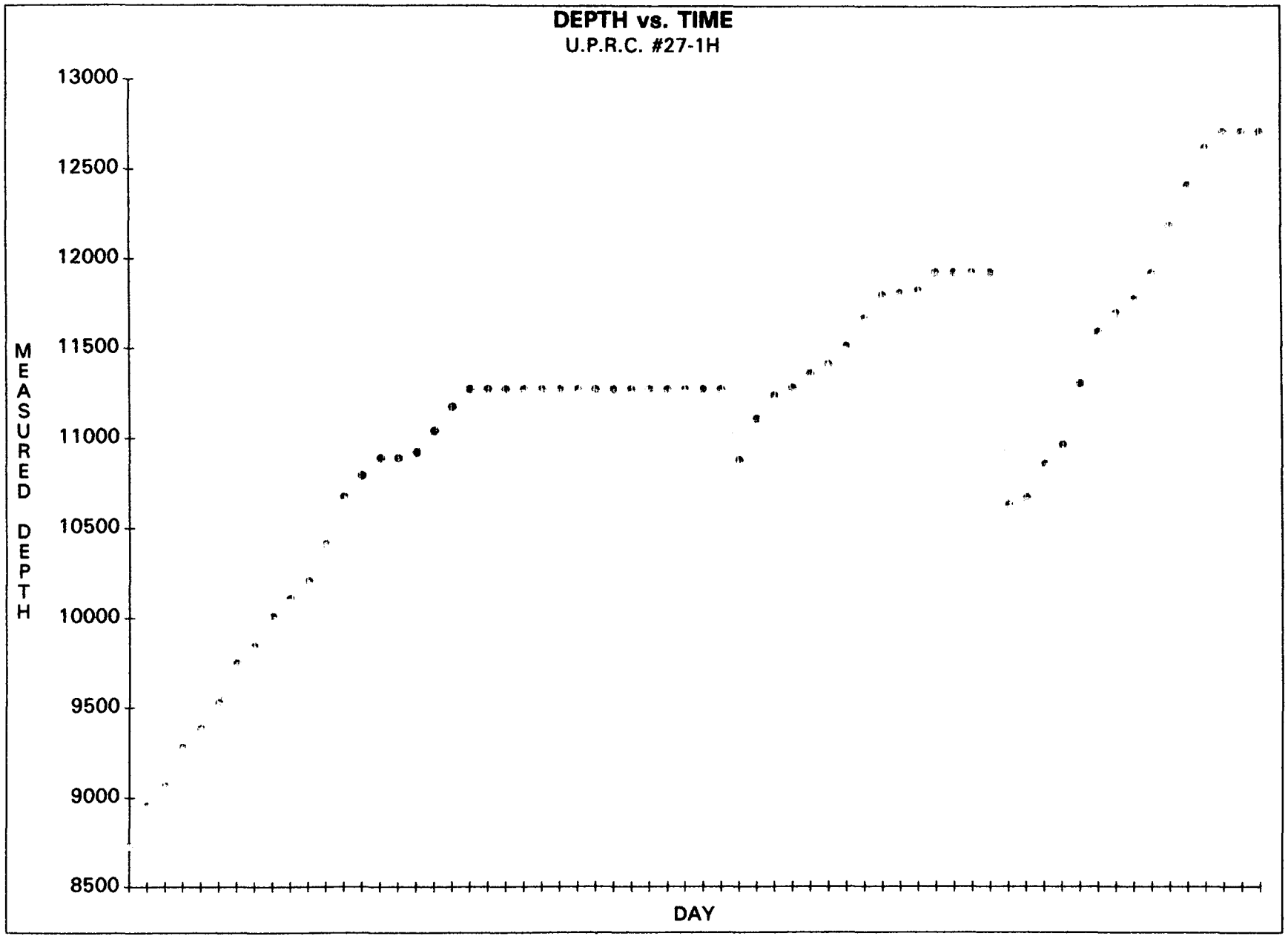
dressed off to a depth of 10,634' to begin sidetracking for the second time. Directional drilling continued building correct wellbore angle. The top of the Watton Canyon Member was at 11,685' M.D. with a T.V.D. of 11,583'. A background gas increase of one unit accompanied this pick.

The Watton Canyon target zone was picked at 12,370', based on consistent connection gas and cleaner gamma counts on Sperry-Sun's downhole tools. Samples were very light gray-brown to cream with only partial returns of the weighted salt drilling fluid. Brown oil also began showing up on the pits. At 12,707', a trip was made to put on a new mud motor and install a rotating head. On the trip in the hole, the drill string was stuck at approximately 10,575' in the washed out Pruess Salt section. Fishing attempts failed after mechanically backing off the drill string, and the drill string was parted just below the 7" casing. At this point, the rig was released and drilling operations ceased.

Respectfully submitted by
Michael D. Hirsch



This map is an index to production on the Overthrust Belt. Structural relationships are diagrammatic. The map from which this index was adapted shows detailed surface and subsurface geology with 500' contours on a 1" =2 mile base. Base map by Petroleum Information Corp. Geologic data compiled by Barlow & Haun, Inc, Casper, Wyoming.


DEPTH vs. TIME
U.P.R.C. #27-1H
MEASURED DEPTH
13000
12500
12000
11500
11000
10500
10000
9500
9000
8500
DAY

DAILY DRILLING SUMMARY
(Depths recorded at midnight)

DAY	DATE	DEPTH	24- HOUR PROGRESS	ACTIVITY
67	2/28/95	8724'	---	Directional drilling; rig up Log-Rite Mudlogging trailer; operational at 9:30 p.m.
68	3/1/95	8954'	230'	Drilling; trip for new bit at 9024' (10 hours); drilling.
69	3/2/95	9062'	108'	Directional drilling.
70	3/3/95	9281'	219'	Directional drilling; trip for new bit at 9380' (11 hours); drilling.
71	3/4/95	9382'	101'	Drilling; trip for new bit at 9503'; (9 hours), directional drilling.
72	3/5/95	9525'	143'	Directional drilling.
73	3/6/95	9748'	223'	Directional drilling; trip for new bit at 9843' (9 hours).
74	3/7/95	9843'	95'	Tripping; directional drilling.
75	3/8/95	10,006'	163'	Drilling; trip for new bit at 10,006' (9 hours); drilling.
76	3/9/95	10,108'	102'	Directional drilling; trip for new bit at 10,166' (9 hours); directional drilling.
77	3/10/95	10,205'	97'	Directional drilling.
78	3/11/95	10,413'	208'	Directional drilling.
79	3/12/95	10,676'	263'	Directional drilling; trip for new bit at 10,699' (10 hours); directional drilling.
80	3/13/95	10,795'	119'	Directional drilling; trip for new bit at 10,890' (10 hours); lost approximately 800 barrels drilling fluid on trip in hole with new mud motor and bit; T.O.O.H. to build volume.
81	3/14/95	10,890'	95'	T.O.O.H.; build salt saturated weighted drilling fluid; T.I.H.; wash and ream from 10,540' to 10,600'; T.I.H.; wash 30' to bottom; poor MWD pulse due to L.C.M. in drilling fluid; work tools and pump fresh water pill.
82	3/15/95	10,890'	0'	Work on M.W.D. tools; T.O.O.H. for plugged M.W.D. tools; clean out M.W.D. tools on surface; T.I.H.; mix and condition mud system; finish T.I.H.; wash and ream 200' to bottom; directional drilling.
83	3/16/95	10,921'	59'	Directional drilling; T.O.O.H. at 10,948' for new mud motor and bit (11 hours); T.I.H.; wash and ream 70' to bottom; drilling.
84	3/17/95	11,042'	121'	Directional drilling; T.O.O.H. at 11,081' for new mud motor and bit (11 hours); T.I.H.; directional drilling.
85	3/18/95	11,177'	135'	Directional drilling; short trip 5 stands at 7" casing point of 11,275'; circulate for 2½ hours; T.O.O.H.; lay down directional tools; pick up 2 - 3 point reamers; T.I.H.; wash and ream 150' to bottom; short trip 2 stands; circulate.

DAY	DATE	DEPTH	24-HOUR PROGRESS	ACTIVITY
86	3/19/95	11,275'	98'	Circulate and condition mud for casing run; T.O.O.H.; rig up lay down machine; Board = 11,290.63 S.L.M. = 11,287.49 3.14' uphole correction; lay down drill collars; rig up casing crew; run 7" casing.
87	3/20/95	11,275'	0'	Run casing to 10,590'; circulate and try to free stuck casing; rig up Dowell Schlumberger; cement 7" casing; nipple down set slips; cut off casing and begin to nipple up.
88	3/21/95	11,275'	0'	Finish nippling up 7" casing; change out pipe rams; lay down drill pipe; cut drilling line; change out kelly and subs; pressure test B.O.P to 5000 psi and annular to 3500 psi.
89	3/22/95	11,275'	0'	Finish pressure testing; cement down backside of 7" casing; pick up 3½" drill pipe; tag cement at 10,505'; drill cement; circulate out cement displacing with salt water brine; mix salt.
90	3/23/95	11,275'	0'	Circulate and mix salt; drill cement to 10,610'; wash to bottom at 11,275'; T.O.O.H.; tight at casing shoe; P/U directional B.H.A. and jars; T.I.H.; work tight hole at casing shoe for 4 hours; mix pill and T.O.O.H.
91	3/24/95	11,275'	0'	T.O.O.H.; lay down directional tools and pick up watermelon reamer; T.I.H.; wash and ream from 10,550' to 10,590'; T.O.O.H.
92	3/25/95	11,275'	0'	T.O.O.H.; wait on milling tools, T.I.H.; wash and ream; mill salt section at 10,574'; mix and pump pill; T.O.O.H.
93	3/26/95	11,275'	0'	T.O.O.H.; pick up directional tools; T.I.H.; work tight spot at 10.574'; mix and pump pill; T.O.O.H.; change setting on mud motor; T.I.H.; fail to get tools past 10,574'; T.O.O.H.; lay down directional tools; pick up milling tools; T.I.H.; mill on casing & salt section.
94	3/27/95	11,275'	0'	Milling; T.O.O.H.; lay down milling tools; cut & slip 132' of drilling line; adjust brakes; W.O. tools; pick up casing roller; T.I.H.; work casing roller through 7" casing; T.O.O.H.
95	3/28/95	11,275'	0'	T.O.O.H.; pick up 5.35" casing roller; T.I.H.; work casing roller from 10,568' to 10,570'; T.O.O.H.; pick up tapered casing mill; work tool from 10,560' to 10,590'.
96	3/29/95	11,275'	0'	Work tapered mill to 10,602'; T.O.O.H.; pick up directional tools; wash, ream and wipe hole for Gamma Tool readings from 10,579' to 10,685'; T.I.H.; wash and ream to 11,275' with a 5-5/8" drill bit and one plugged jet; mud motor pressured up and wouldn't drill; work mud motor at 11,275'.
97	3/30/95	11,275'	0'	Work mud motor; T.O.O.H.; work tight spot at 10,565'; finish T.O.O.H.; lay down directional tools; pick up magnet to retrieve possible fish in hole; T.I.H.; couldn't get through 7" casing with 5½" magnet at 10,566'; T.O.O.H.; lay down magnet and pick up tapered mill and string mill; T.I.H.; ream through tight spot at 10,563'.

DAY	DATE	DEPTH	24-HOUR PROGRESS	ACTIVITY
98	3/31/95	11,275'	0'	Reaming out salt section with mills; T.O.O.H.; pick up 7" section; T.I.H.; mill 10' of hole from 10,560' to 10,570'.
99	4/1/95	11,275'	0'	Try to trip into casing after chasing 7" casing to 10,600'; circulate and pump pill, trip out of hole, pick up reamer assembly; T.I.H.; wash & ream 11,028' to 11,246'; circulate & condition hole; pump pill & T.O.O.H.; lay down bottom hole assembly; T.I.H.
100	4/2/95	11,275'	0'	T.I.H. open ended to run cement plug over 15' of 7" casing (fish); circulate & condition hole; rig up Dowell; run 400' cement plug; T.O.O.H.; cut 143' of drilling line; wait on cement; trip in hole; wait on cement 8½ hours.
101	4/3/95	10,880'	0'	Waiting on cement to cure; T.I.H.; tag cement at 10,880'; drill cement to 11,088'; circulate bottoms up; pump pill and T.O.O.H.; S.L.M. = 13' uphole correction; pick up directional tools; wash and ream 115' to bottom; directional drilling from 11,075' to kick off cement plug.
102	4/4/95	11,110'	230'	Directional drilling; T.O.O.H. at 11,241'; change out directional tools; T.I.H.
103	4/5/95	11,241'	131'	T.I.H.; wash and ream 114' to bottom; directional drilling; T.O.O.H. at 11,284' for new directional tools.
104	4/6/95	11,284'	43'	T.O.O.H.; pick up new directional tools; T.I.H.; wash and ream 162' to bottom; directional drilling; T.O.O.H. at 11,364'; change out directional tools.
105	4/7/95	11,364'	80'	Change out directional tools; T.I.H.; wash and ream 67' to bottom; directional drilling; T.O.O.H. at 11,411'; change out mud motor; T.I.H.; wash 66' to bottom; directional drilling.
106	4/8/95	11,416'	52'	Directional drilling; T.O.O.H. at 11,502'; change out B.H.A.; cut and slip 132' of drilling line; T.I.H.; was 62' to bottom; directional drilling.
107	4/9/95	11,517'	101'	Directional drilling; T.O.O.H. at 11,650'; pick up new mud motor with 2¼ degree bent housing; T.I.H.; wash 64' to bottom; directional drilling.
108	4/10/95	11,670'	153'	Directional drilling; T.O.O.H. at 11,800'.
109	4/11/95	11,800'	130'	Change out B.H.A.; wash 131' to bottom; rotary drilling; M.W.D. failure; T.O.O.H.; work on M.W.D. tools; T.I.H.; work tight hole conditions from 10,600' to 10,900'; T.O.O.H. to casing shoe & build mud viscosity; T.O.O.H.
110	4/12/95	11,812'	12'	T.O.O.H.; lay down directional B.H.A.; T.I.H. with Bit #43; wash & ream from 10,664' to 11,812'; rotary drilling; T.O.O.H. at 11,827'; pick up directional B.H.A.; T.I.H.; wash and ream 10,568' to 10,600'; T.I.H.; wash 90' to bottom.

DAY	DATE	DEPTH	24-HOUR PROGRESS	ACTIVITY
111	4/13/95	11,827'	15'	Wash to bottom; rotary drilling with 1½ degree bent housing mud motor; work stalling mud motor and tight hole at 11,927'; pump pill and T.O.O.H.; lay down directional tools; missing part of mud motor and bit; wait on tools and fisherman; cut 104' of drilling line; work on rig; T.I.H.
112	4/14/95	11,927'	100'	T.I.H. with fishing tool; wash hole from 10,600' to 10,905'; can't get past 10,905'; T.O.O.H.; lay down ruined overshot fishing tool; (probable metal in hole at 10,905'); T.I.H. with bit to clean up hole.
113	4/15/95	11,927'	0'	T.I.H.; wash & ream to 11,900'; circulate; pull up into 7" casing; circulate; T.I.H. to 11,900'; T.O.O.H.; pick up overshot fishing tool; wash & ream from 10,595' to 10,615'; T.I.H.; wash to bottom and begin fishing for motor; T.O.H.; fail to recover fish; T.I.H.
114	4/16/95	11,927'	0'	T.I.H.; fish on lost motor; T.O.O.H.; jar on drill string at 10,915'; T.O.O.H.; left overshot fishing tool in hole; lay down B.H.A.; prepare to cement over fish; wait on tubing; pick up tubing for cementing; T.I.H.; wash 120' to 10,892'; circulate; run cement plug; pull up into casing; reverse circulate pipe.
115	4/17/95	11,927'	0'	T.O.O.H.; lay down 13 joints of 2-3/8" tubing; wait on cement for 4½ hours; pick up Bit #45 (5-7/8") to dress off plug; T.I.H.; wash and ream cement at 10,620'; drill cement to 10,634'; T.O.O.H.; T.I.H. with Bit #46.
116	4/18/95	10,634'	-1293'	T.I.H.; wash 48' to top of cement plug; time drilling from 10,634' to 10,646'; M.W.D. failure; T.O.O.H.; pick up new M.W.D. tool; T.I.H.; time drilling to kick off cement plug.
117	4/19/95	10,673'	39'	Directional time drilling; resurvey - getting magnetic interference; rotary drilling; directional drilling; T.O.O.H.; pick up new Bit #47; T.I.H.
118	4/20/95	10,859'	186'	T.I.H.; wash 5' to bottom; directional drilling 5-5/8" hole.
119	4/21/95	10,965'	106'	Directional drilling.
120	4/22/95	11,306'	341'	Directional drilling.
121	4/23/95	11,593'	287'	Directional drilling; circulate and pump pill; T.O.O.H. at 11,679'; change out mud motors; T.I.H.; hit bridge at 10,578'; wash to 10,628'; T.I.H.; wash 12' to bottom; directional drilling.
122	4/24/95	11,700'	107'	Directional drilling; work plugged and failing mud motor; T.O.O.H.; change out bit and mud motor; T.I.H.; directional drilling with 1-3/4 degree bent housing mud motor; mud motor failed after 6 hours; T.O.O.H. at 11,777'.
123	4/25/95	11,777'	77'	T.O.O.H.; lay down failed mud motor; pick up new mud motor and RR Bit #48; T.I.H.; wash bridge at 10,580' to 10,610'; T.I.H.; wash 68' to bottom; directional drilling.
124	4/26/95	11,921'	144'	Directional drilling.

DAY	DATE	DEPTH	24-HOUR PROGRESS	ACTIVITY
125	4/27/95	12,182'	261'	Directional drilling; short trip 4 stands looking for drill pipe screen; directional drilling; lose 300 barrels drilling fluid downhole; directional drilling losing approximately 67 barrels per hour.
126	4/28/95	12,408'	226'	Directional drilling losing approximately 80 barrels drilling fluid per hour.
127	4/29/95	12,618'	210'	Directional drilliing; pump pill and T.O.O.H. for new mud motor and to install rotating head; T.I.H. with new motor; work tight hole conditions; become stuck in hole with bit depth of 12,050'; jar on stuck drill string.
128	4/30/95	12,707'	89'	Jar on drill pipe; run free point; free at 10,570'; free one joint after spotting 1680 gallons of diesel mixed with 50 gallons of Pipe-Lax; circulate and condition mud; jar on drill string; mechanically back off at 1260'; T.O.O.H.; pick up jars.
129	5/1/95	12,707'	0'	Pick up fishing tools; T.I.H.; screw into fish; jar on fish; parted drill pipe at 10,573'; T.O.O.H. tightening all drill pipe joints; cut 111' of drilling line; pick up four drill collars, bumper sub and jars; wait on wall hook fishing tool; build volume and mix mud; pick up new fishing tool; T.I.H.; fishing with wall hook.
130	5/2/95	12,707'	0'	Fishing; fail to catch fish; T.O.O.H.; lost wall hook fishing tool downhole; wait on orders; well logging unit released at 11:30 a.m.

BIT #	SER #	SIZE	MAKE	TYPE	IN	OUT	FEET	HOURS	FT/HR	WOB	RPM	PP	SPM	IADC BIT GRADE
1	E70300	14-3/4"	RTC	HP11J	81'	725'	644	20	32.2	25K	120	500	140	4-F-I
2	96037	14-3/4"	VAR	V517	725'	1129'	404	19	21.2	30K	150	1250	130	1-E-I
3	381617	14-3/4"	VAR	L385	1129'	1597'	468	23.5	20.0	30K	80	250	90	8-8-1"
4	494252	14-3/4"	SEC	S35J	1597'	1795'	198	12	16.5	30K	80	250	90	Left in Hole
5	84358	14-3/4"	SEC	S33SF	587'	741'	154	36	4.2	15K	100	500	100	Kick off Plug
6	SAA893	14-3/4"	STC	MSDT	741'	1000'	259	20.5	12.6	18K	80	600	130	4-E-I
RR#2	96037	14-3/4"	VAR	V517	1000'	2015'	1015	46	22.0	30K	100	425	130	Set 10-3/4" Surface Pipe
7	LB0152	9-7/8"	STC	F15	2015'	2535'	520	15.25	34.0	25K	90	800	130	1-1-I
8	YV0945	9-7/8"	STC	FDS	2535'	2709'	174	6	29.0	40K	65	1300	100	6-6-¼"
9	LA0906	9-7/8"	STC	FDSS+	2709'	3014'	305	11.5	26.5	35K	60	300	72	8-8-1½"
RR#7	LB0152	9-7/8"	STC	F15	3014'	4232'	1218	52	23.4	45K	60	350	72	6-E-¼"
10	Q68192	9-7/8"	RTC	HP43A	4232'	4884'	652	32.5	20.0	40K	60	750	100	8-E-1/8"
11	S81WK	9-7/8"	HTC	ATJ22S	4884'	5481'	597	27.5	21.7	30K	60	1600	160	
12	62054	9-7/8"	RTC	HP51A	5481'	6532'	1051	55	19.1	23K	110	1700	140	4-4-¼"
13	654850	9-7/8"	SEC	S84F	6532'	7511'	979	44	22.5	23K	110	1900	140	8-8-1"
14	67170	9-7/8"	RTC	HP51A	7511'	8425'	911	40	22.7	23K	110	1750	140	4-4-¼"
15	J96731	9-7/8"	RTC	HP51A	Ream Out Hole									
16	629276	9-7/8"	SEC	S84F	Ream Out Hole									
17	535WJ	9-7/8"	HTC	ATJ22S	Ream Out Hole									
18	99312	7-7/8"	VAR	ETD517C	8425'	8442'	17	1.5						Reduce Hole Size
19	E09150	7-7/8"	RTC	HP51AM	8449'	9024'	575	41	14.0	38K	145	2050	90	
20	642023	7-7/8"	SEC	S86F	9024'	9380'	356	39.5	9.0	38K	145	2100	90	
21	P54277	7-7/8"	RTC	HP51X-M	9380'	9503'	123	14	8.8	30K	140	2100	90	
22	P64736	7-7/8"	RTC	HP53A	9503'	9843'	340	32.5	10.5	40K	150	2400	97	6-E-1/16"
23	99291	7-7/8"	VAR	ETD537	9843'	10006'	163	20		40K	150	2500	95	8-F-1/8"
24	P54713	7-7/8"	RTC	HP53AM	10006'	10166'	160	21.5	7.4	40K	150	2700	100	8-F-1/8"
25	P54712	7-7/8"	RTC	HP53AM	10166'	10699'	533	53.5	10.0	42K	140	2600	90	4-E-¼"
26	N41311	7-7/8"	RTC	HP53A	10699'	10890'	191	16	11.9	40K	140	2700	90	2-2-I
27	656669	7-7/8"	SEC	S86F	10890'	10948'	58	9.5	6.1	40K	140	2400	92	2-2-I
28	LB0062	7-7/8"	STC	F3H	10948'	11275'	327							
29	913441	5-7/8"	SEC	S4J	11275'	Drill Cement Plug								
30	545462	5-7/8"	SEC	S86F	11275'	Ream Tight Spot in Salt								
31	AA87897	5-5/8"	STC	OFM	11275'	Ream Casing, Cement and Salt								
32	LA1517	5-7/8"	STC	F-3	11275'	Failed Directional B.H.A.								
33	100804	5-5/8"	VAR	V537	11275'	11275'	0	0	0	-----	-----	-----	-----	2-E-1/16"
34	101044	5-5/8"	VAR	V537	10880'	11075'	195	2	97.5	6K	100	2600	75	3-E-1/16"
35	100697	5-5/8"	VAR	V537	11075'	11241'	166	23.5	7.1	10K	117	2500	75	2-E-I
36	100750	5-5/8"	VAR	V537	11241'	11284'	43	17	2.5	12K	117	2800	75	3-E-1/16"
37	100803	5-5/8"	VAR	V537	11284'	11364'	80	12.5	6.4	12K	117	2850	75	4-F-1/8"

BIT #	SER #	SIZE	MAKE	TYPE	IN	OUT	FEET	HOURS	FT/HR	WOB	RPM	PP	SPM	IADC BIT GRADE
38	100754	5-5/8"	VAR	V537	11364'	11411'	47	11	4.3	16K	117	2950	75	3-E-1/16"
39	008001	5-5/8"	VAR	V537	11411'	11502'	91	13	7.0	18K	117	2950	75	4-E-1/16"
40	100798	5-5/8"	VAR	V537	11502'	11650'	148	11.5	12.9	14K	117	3100	75	2-E-I
41	100811	5-5/8"	VAR	V537	11650'	11800'	150	20.5	7.5	10K	200	2900	70	2-E-I
42	Y18445	5-5/8"	SEC	HZ27	11800'	11812'	12	1	12.0	8K	155	3000	70	8-1/16" (P.D.C.)
43	100847	5-5/8"	VAR	V537	11812'	11827'	15	2.5	6.0	8K	155	2500	70	3-E-1/16"
44	100814	5-5/8"	VAR	V537	11827'	10620'	100	11	9.1	8K	155	2300	62	Lost mud motor in hole
RR	LA1517	5-7/8"	STC	F-3	10620'	10634'	14	2	7.0	Drill Cement				4-F-1/8"
45	625036	5-7/8"	SEC	S86F	10634'	10646'	12	5.5	2.2	8K	190	2400	65	3-E-1/16"
46	LA5825	5-7/8"	STC	F-3	10646'	10859'	213	25	8.5	10K	210	2400	65	4-E-1/16"
47	LBB7754	5-7/8"	STC	F-3P	10859'	10900'	41	6.5	6.3	10K	190	2400	66	2-E-1/16"
48	1156	5-5/8"	PDC	PCS084	10900'	11724'	824	74	11.1	10K	190	2800	66	5%-I
49	100892	5-5/8"	VAR	V537	11724'	11777'	53	6.5	8.0	10K	200	2700	69	4-E-I
RR#48	1156	5-5/8"	PDC	PCS084	11777'	12707'	930	95	9.8	12K	210	2900	67	5%-I

DAILY DRILLING FLUID DATA

DATE	DEPTH	WT ppg	VIS	PV	YP	GEL	PH	FILTER	CK	Cl ppm	CA ppm	% Sols.
2/28	8639'	9.5	43	15	7	3/8	9.0	10.4	2	2600	60	6.0%
3/1	8987'	9.6	46	16	10	3/7	9.0	10.2	2	2600	60	6.4%
3/2	9107'	9.6	52	20	14	4/9	9.0	10.6	2	2600	60	6.5%
3/3	9307'	9.6	50	21	12	3/8	9.5	9.8	2	2700	60	6.8%
3/4	9417'	9.5+	48	21	11	3/7	9.5	9.5	2	2600	40	6.7%
3/5	9562'	9.5	50	19	15	4/10	10.0	9.0	2	2700	40	6.7%
3/6	9769'	9.5	47	19	11	4/12	9.5	8.7	2	2700	40	6.7%
3/7	9843'	9.5	45	16	12	5/12	9.0	8.4	2	2900	40	6.7%
3/8	10,006'	9.6	53	14	25	12/20	9.0	14.0	2	43,000	240	6.0%
3/9	10,132'	9.7	50	12	24	12/18	10.0	12.0	2	80,000	80	5.8%
3/10	10,247'	9.6	43	12	13	8/14	10.0	11.0	2	101,000	80	4.5%
3/11	10,441'	10.1	41	12	12	4/7	9.5	12.0	2	176,000	120	3.8%
3/12	10,699'	10.1	41	12	11	3/5	9.5	12.2	2	182,000	80	3.5%
3/13	10,843'	10.1	41	12	12	4/8	10.5	10.0	2	175,000	120	3.85%
3/14	10,890'	9.1	41	10	12	3/6	9.0	8.0	2	56,000	80	3.0%
3/15	10,890'	10.0	43	13	14	4/8	9.0	16.0	2	174,000	160	3.2%
3/16	10,941'	10.0	42	13	11	4/8	10.0	12.0	2	161,000	120	3.8%
3/17	11,070'	10.1	42	14	12	3/6	9.0	11.8	2	178,000	120	3.7%
3/18	11,215'	10.2	42	15	10	2/5	9.5	11.4	2	179,000	200	4.0%
3/19	11,275'	10.3	41	14	11	3/8	9.5	10.8	2	178,000	200	4.7%
3/20	11,275'	10.2	40	14	10	3/5	9.5	11.2	2	179,000	240	4.0%
3/21	11,275'	8.4	27	2	0	0/0	7.0	-----	-----	13,000	360	0.3%
3/22	11,275'	8.5	27	2	0	0/0	7.0	-----	-----	23,000	360	0.4%
3/23	11,275'	9.9	27	2	0	0/0	7.0	-----	-----	186,000	480	0.3%
3/24	11,275'	10.0	27	2	0	0/0	9.0	-----	-----	187,000	660	0.2%
3/25	11,275'	10.0	27	2	0	0/0	9.5	-----	-----	186,000	860	0.3%
3/26	11,275'	10.0	27	2	0	0/0	9.5	-----	-----	184,000	740	0.4%
3/27	11,275'	10.0	27	2	0	0/0	9.5	-----	-----	182,000	680	0.5%
3/28	11,275'	10.0	27	2	0	0/0	9.5	-----	-----	188,000	720	0.4%
3/29	11,275'	10.0	27	2	0	0/0	9.5	-----	-----	189,000	680	0.9%
3/30	11,275'	10.1	27	2	0	0/0	9.5	-----	-----	188,000	620	1.0%
3/31	11,275'	10.1	27	2	0	0/0	10.0	-----	-----	187,000	600	1.0%
4/1	11,275'	10.1	27	2	0	0/0	10.0	-----	-----	190,000	600	1.0%
4/2	11,275'	10.1	27	2	0	0/0	10.0	-----	-----	188,000	600	1.0%
4/3	10,995'	10.1	28	2	2	0/0	13.0	-----	-----	189,000	640	1.0%
4/4	11,158'	10.1	30	3	3	1/2	11.0	-----	-----	186,000	480	2.0%
4/5	11,242'	10.1	29	3	2	0/0	10.5	-----	1	185,000	400	2.0%
4/6	11,284'	10.1	28	2	1	0/0	10.5	-----	1	187,000	360	2.0%
4/7	11,366'	10.1	30	3	2	1/2	10.0	-----	1	188,000	280	2.0%
4/8	11,436'	10.1	29	2	2	0/0	10.0	-----	1	188,000	240	2.0%
4/9	11,564'	10.1	30	3	2	1/2	9.5	-----	1	187,000	280	2.0%
4/10	11,715'	10.1	31	4	3	2/3	9.5	-----	2	186,000	240	2.0%
4/11	11,812'	10.1	31	4	3	2/4	9.5	NC	3	187,000	240	2.0%
4/12	11,812'	10.2	36	7	10	3/5	9.5	NC	3	186,000	200	3.0%
4/13	11,870'	10.4	35	6	11	6/12	9.0	NC	3	185,000	400	3.5%
4/14	11,927'	10.3	36	8	12	6/10	9.0	NC	3	187,000	440	3.5%
4/15	11,927'	10.4	38	9	11	5/8	9.0	NC	3	188,000	480	3.75%
4/16	11,927'	10.4	36	9	9	3/5	9.0	NC	3	188,500	520	3.5%
4/17	10,620'	10.4	37	11	12	3/5	9.5	NC	3	190,000	720	3.0%
4/18	10,637'	10.4	36	9	10	2/4	9.0	NC	3	190,000	620	3.4%

DATE	DEPTH	WT ppg	VIS	PV	YP	GEL	PH	FILTER	CK	Cl ppm	CA ppm	% Sols.
4/19	10,646'	10.4	36	9	10	2/4	9.0	NC	3	190,000	620	3.4%
4/20	10,818'	10.2	36	7	9	3/5	9.0	NC	3	189,000	600	2.6%
4/21	10,900'	10.3	37	5	8	2/5	9.5	NC	3	190,500	860	2.6%
4/22	11,242'	10.2	36	6	6	2/4	9.5	NC	3	191,000	720	1.6%
4/23	11,485'	10.2	37	5	9	3/6	9.0	NC	3	190,000	520	1.7%
4/24	11,679'	10.2	35	5	7	2/4	9.5	NC	3	189,000	560	1.8%
4/25	11,724'	10.2	35	6	8	2/5	9.5	NC	3	190,500	600	1.7%
4/26	11,853'	10.2	35	5	7	2/5	9.5	NC	3	190,000	580	1.6%
4/27	12,224'	10.2	35	5	8	2/4	9.5	NC	3	191,000	520	1.6%
4/28	12,437'	10.1	35	5	6	2/4	9.5	NC	3	189,000	640	0.9%
4/29	12,655'	9.7	31	3	2	0/0	9.0	NC	2	142,000	600	0.9%
4/30	12,707'	9.3	29	2	2	0/0	9.0	NC	2	83,000	720	0.9%
5/1	12,707'	9.2	32	4	6	2/5	9.0	NC	3	60,000	720	1.0%
5/2	12,707'	9.5	30	2	2	0/0	8.5	NC	3	110,000	680	0.8%

FORMATION TOPS

KB: 7821'

Formation	T.V.D. Prognosis	Sample Top	Sperry-Sun Gamma Log Tops	T.V.D.	Datum	T.V. Thickness	20° Dips
Kelvin							
Stump	9074'	9050'		9036'		262'	
Pruess	9293'	9312'		9297'	-1376	1242'	
Pruess Salt	10,636'	10,554'	10,554'	10,529'	-2708	60'	
Base of Salt	10,666'	10,630'	10,630'	10,602'	-2781	73'	
Twin Creek							
Giraffe Cr. Mbr.	10,776'	10,725'	10,725'	10,697'	-2876	95'	20° dips
Leeds Cr. Mbr.	11,188'	11,144'	11,144'	11,111'	-3290	414'	20° dips
Watton Canyon	11,508'	11,685'	11,583'	11,583'	-3762	302'	20° dips
Target Zone	11,668'	12,370'	12,370'	11,884'	-4063		
Boundary Ridge							

NOTES: Formations dipped 20° to the North North West.
Tops are from the Sidetrack #2 wellbore.

SAMPLE DESCRIPTIONS

Begin logging/consulting operations at 8890'.

KELVIN FORMATION

The Kelvin Formation consisted of interbedded shales, siltstones, and sandstones which were of a light orange color to reddish brown and calcareous throughout.

STUMP FORMATION - 9050' - (9036'; -1115 subsea)

9050'-9090' Sandstone - clear, very light orange, moderate to poor consolidation, fine to medium grained, sub angular, poor sorting, calcareous cement through, grading to Siltstone in parts, no visible intergranular porosity, NSOFC

Shale - orange, maroon, rust, poor induration, smooth-fine texture, sub blocky to lumpy, calcareous, very silty in parts

9090'-9138' Limestone - light pink, light orange, moderate firm, microcrystalline, no visible porosity, slightly argillaceous, NSOFC

Siltstone - orange, rust, poor consolidation, grading to Sandstone, calcareous cement, no visible porosity, NSOFC

9138'-9260' Sandstone - clear, opaque, white, poor consolidation with abundant unconsolidated quartz grains, fine to coarse grained, angular, poor to fair sorting, occasional poor intergranular porosity, very slightly calcareous cementing, clean, NSOFC

CHERT - opaque, very light yellow, angular, sharp (Conglomerate)

Shale - very light orange, poor induration, smooth-fine texture, sub platey to sub blocky, non calcareous, very silty in parts

9260'-9312' Sandstone - white, glauconitic, poor consolidation, fine grained, sub angular, fair sorting, poor intergranular porosity, calcareous, clean, NSOFC

PRUESS FORMATION - 9312' (9297'; -1376 subsea)

9312'-10,554' Shale - orange, rust, poor induration, smooth fine texture, sub platey, calcareous in parts, silty

Siltstone - light orange, poor to moderate consolidation, grading to Shale & Sandstone throughout, very calcareous cement, no visible porosity, trace dark mineral inclusions

Sandstone - very light orange, poor consolidation, very fine grained, sub angular to sub round, fair sorting, no visible porosity, unconsolidated quartz grains, calcareous cement, grading to Siltstone in parts, NSOFC

PRUESS SALT - 10,554' (10,529' T.V.D.; -2608 subsea)

10,554'-10,614' Salt - inferred by drill rate. Reduced WOB through this interval. No salt observed in samples even with a salt saturated drilling fluid.

Shale - red-orange, poor induration, smooth fine texture, platey, slightly calcareous

BASE of SALT - 10,614' (10,587'; -2666 subsea)

10,614'-10,682' Shale - orange, poor induration, smooth fine texture, sub platey, very slightly calcareous, silty in parts

Siltstone - light orange, poor consolidation, no visible porosity, grading to Shale throughout, calcareous cement, NSOFC

TWIN CREEK FORMATION
GIRAFFE CREEK MEMBER - 10,682' (10,654'; -2733 subsea)

10,682'-10,800' Shale - gray, poor induration, smooth fine slightly crystalline texture, sub blocky, very calcareous

Shale - orange, poor induration, smooth fine texture, silty in parts, calcareous, (70%)

Limestone - gray, microcrystalline, moderate firm, no visible porosity, grading to Shale or Marlstone, argillaceous, NSOFC (20%)

10,800'-11,150' Limestone - gray, microcrystalline, moderate firm, no visible porosity, grading to Marlstone and shale, very argillaceous, NSOFC

11,150'-11,190' Limestone - light gray brown, microcrystalline, firm, no visible porosity, slightly argillaceous in parts, oolitic and pelloidal, NSOFC

LEEDS CREEK MEMBER - 11,190' (11, '; - subsea)

Limestone - brown gray, microcrystalline, firm, no visible porosity, very slightly argillaceous in parts, trace calcite filled microfractures, NSOFC

Begin kicking off plug at 11,075' - very poor predominately cement samples.

LEEDS CREEK MEMBER - 11,148' M.D.(11,112' T.V.D.)

11,148'-11,200'	Limestone - gray, microcrystalline, very firm, sub blocky, argillaceous, oolitic and pelloidal, no visible intercrystalline porosity, trace white calcite filled microfractures, NSOFC
11,200'-11,350'	Limestone - gray to light gray, microcrystalline, moderate firm, no visible porosity, very slightly argillaceous, NSOFC
11,350'-11,558'	Very poor sample quality with 30% red/orange shale cavings - probably lower Pruess Formation.
	Limestone - light gray/brown, microcrystalline, moderate firm, no visible porosity, very slightly argillaceous in parts, white calcite filled microfractures, NSOFC

WATTON CANYON MEMBER - 11,558' M.D. (11,511' T.V.D.)

11,558'-11,620'	Limestone - very light gray/brown, microcrystalline, moderate firm, no visible intercrystalline porosity, becoming increasingly clean, NSOFC
11,620'-11,780'	Limestone - very light gray, cream, microcrystalline to cryptocrystalline, no visible porosity, predominately clean throughout, white calcite filled microfractures, NSOFC
11,780'-11,920'	Limestone - light gray, gray/brown, microcrystalline, no visible porosity, white to cream calcite filled microfractures, very firm, NSOFC

BOUNDARY RIDGE MEMBER - 11,920' M.D.

11,920'-11,927'	Siltstone - red/brown, moderate consolidation, no visible porosity, very calcareous throughout.

At 11,927', the mud motor was lost in the 5-5/8" hole. Fishing attempts were unsuccessful with an overshot fishing tool being left in the hole also. Another section of 7" casing was thought to be cut free and slid downhole to 10,915'. The well was plugged back to 10,634' and sidetracking began again.

Begin sidetracking wellbore at 10,634' drilling a 5-7/8" hole.

BASE of SALT - 10,614' M.D. (10,587' T.V.D., -2766 subsea)

10,614'-10,725' Siltstone - light red/orange, moderate consolidation, slightly calcareous, grading to shale.

Shale - light red/orange, moderate induration, smooth to silty texture, sub blocky, slightly calcareous.

Limestone - light gray, firm, poor crystalline texture, no visible porosity, slightly argillaceous.

TWIN CREEK FORMATION
GIRAFFE CREEK MEMBER - 10,725' M.D. (10,697' T.V.D., -2876 subsea)

10,725'-11,090' Limestone - very dark gray, firm, microcrystalline, no visible porosity, very argillaceous, white to cream calcite filled microfractures, NSOFC

11,090'-11,144' Limestone - gray, firm, microcrystalline, no visible intercrystalline porosity, slightly argillaceous, very pelloidal and oolitic throughout, NSOFC

LEEDS CREEK MEMBER - 11,144' M.D. (11,111' T.V.D., -3290' subsea)

11,144'-11,300' Limestone - very light gray/brown, moderate firm, microcrystalline, no visible intercrystalline porosity, very slightly argillaceous, white calcite filled microfractures, NSOFC

11,300'-11,520' Limestone - light gray, gray/brown, firm microcrystalline, no visible porosity, very slightly argillaceous, calcite filled microfractures, NSOFC

11,520'-11,685' Limestone - light gray/brown, firm, microcrystalline to cryptocrystalline, no visible porosity, becoming increasingly clean, white calcite filled microfractures, NSOFC

WATTON CANYON MEMBER - 11,685' M.D. (11,583' T.V.D., -3762 subsea)

11,685'-11,780' Limestone - very light gray, cream, gray/brown, very firm, microcrystalline, no visible porosity, cream calcite filled microfractures, NSOFC

11,780'-11,900' Limestone - cream, light gray, firm, microcrystalline, no visible intercrystalline porosity, predominately clean, calcite filled microfractures, NSOFC

11,900'-12,370' Limestone - light gray, cream, brown, microcrystalline, firm to very firm, no visible porosity, calcite filled microfractures, predominately clean, partial lost circulation zones, NSOFC

WATTON CANYON TARGET - 12,370 M.D. (11,884' T.V.D., -4063 subsea)

12,370'-12,707' Limestone - cream, very light gray, light brown, microcrystalline, firm, no visible intercrystalline porosity, predominately clean, calcite filled microfractures, abundant fractures interpreted by stalling mud motor and partial returns of drilling fluids and samples, connection and downtime gases were prominent throughout this interval with spotty free brown oil on pits.

Note: At a M.D. of 12,707', a trip was made for a new mud motor and to install a rotating head. On tripping in hole, the drill string was stuck at approximately 10,575' in the uncased Pruess Salt section. Fishing attempts were unsuccessful, and the rig was released from the wellsite.

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
100.00	0.10	356.4	100.00	0.10 N	0.00 E	0.10	TIEIN
200.00	0.10	305.6	200.00	0.20 N	0.13 W	0.20	0.00
300.00	0.15	296.6	300.00	0.30 N	0.33 W	0.31	0.05
400.00	0.20	279.8	400.00	0.39 N	0.62 W	0.40	0.07
500.00	0.30	288.8	500.00	0.50 N	1.04 W	0.52	0.11
600.00	0.20	12.0	600.00	0.76 N	1.25 W	0.78	0.34
700.00	1.15	54.1	699.99	1.52 N	0.40 W	1.52	1.01
800.00	4.20	64.2	799.87	3.70 N	3.70 E	3.62	3.07
900.00	4.50	69.4	899.58	6.67 N	10.67 E	6.45	0.50
1000.00	4.30	75.1	999.29	9.02 N	17.97 E	8.64	0.48
1100.00	4.00	76.3	1099.02	10.81 N	24.98 E	10.28	0.31
1200.00	4.00	77.6	1198.78	12.38 N	31.77 E	11.71	0.09
1300.00	4.00	75.9	1298.54	13.98 N	38.56 E	13.17	0.12
1400.00	3.35	74.2	1398.33	15.63 N	44.76 E	14.69	0.66
1500.00	2.20	68.0	1498.21	17.14 N	49.35 E	16.10	1.19
1600.00	2.25	62.3	1598.14	18.77 N	52.87 E	17.66	0.23
1700.00	2.05	357.7	1698.08	21.47 N	54.53 E	20.33	2.30
1800.00	2.50	320.0	1798.01	24.93 N	53.06 E	23.81	1.53
1900.00	2.10	325.3	1897.93	28.11 N	50.61 E	27.04	0.45
1950.00	1.40	331.6	1947.90	29.40 N	49.80 E	28.35	1.45
2079.00	1.10	339.8	2076.87	31.95 N	48.62 E	30.92	0.27
2549.00	1.32	19.3	2546.77	41.28 N	48.86 E	40.25	0.18
3019.00	1.67	339.4	3016.63	52.80 N	48.24 E	51.77	0.23
3489.00	1.60	326.4	3486.44	64.67 N	42.21 E	63.78	0.08
3959.00	0.18	45.2	3956.37	70.65 N	39.09 E	69.81	0.34
4429.00	1.40	95.4	4426.32	70.62 N	45.31 E	69.65	0.28
4617.00	1.58	115.5	4614.26	69.28 N	49.94 E	68.22	0.29
4711.00	1.93	123.6	4708.22	67.85 N	52.44 E	66.73	0.46
4805.00	2.64	117.6	4802.14	65.97 N	55.67 E	64.79	0.79
4899.00	2.90	117.9	4896.03	63.85 N	59.69 E	62.59	0.28
4993.00	3.69	121.3	4989.87	61.17 N	64.38 E	59.80	0.86
5087.00	6.77	125.0	5083.47	56.42 N	71.50 E	54.91	3.29
5179.00	6.68	128.1	5174.84	50.01 N	80.15 E	48.32	0.41
5272.00	7.03	129.5	5267.17	43.04 N	88.80 E	41.17	0.42
5364.00	7.03	129.0	5358.48	35.91 N	97.51 E	33.86	0.07
5456.00	7.03	127.3	5449.79	28.95 N	106.37 E	26.72	0.23
5487.00	6.68	127.8	5480.57	26.70 N	109.30 E	24.41	1.15
5518.00	6.50	127.1	5511.36	24.54 N	112.13 E	22.18	0.62
5549.00	6.06	126.9	5542.18	22.49 N	114.84 E	20.09	1.42
5581.00	5.89	127.8	5574.00	20.47 N	117.49 E	18.01	0.62
5612.00	5.89	125.0	5604.84	18.59 N	120.05 E	16.07	0.93
5644.00	5.62	126.7	5636.68	16.71 N	122.65 E	14.14	0.99
5675.00	5.36	123.9	5667.54	14.99 N	125.07 E	12.37	1.22

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
5707.00	5.18	126.9	5699.40	13.29 N	127.46 E	10.62	1.02
5739.00	5.18	126.7	5731.27	11.56 N	129.78 E	8.83	0.05
5770.00	5.18	123.4	5762.14	9.95 N	132.07 E	7.18	0.97
5801.00	4.92	124.4	5793.02	8.42 N	134.34 E	5.61	0.90
5833.00	4.83	124.4	5824.91	6.88 N	136.58 E	4.02	0.27
5864.00	4.31	127.4	5855.81	5.44 N	138.58 E	2.53	1.86
5894.00	4.13	125.2	5885.73	4.13 N	140.36 E	1.19	0.81
5927.00	3.69	124.6	5918.65	2.84 N	142.21 E	-0.13	1.34
5958.00	3.50	125.2	5949.59	1.73 N	143.80 E	-1.27	0.63
5989.00	3.12	124.6	5980.54	0.70 N	145.27 E	-2.33	1.24
6053.00	2.98	124.5	6044.45	1.22 S	148.07 E	-4.32	0.21
6114.00	2.92	121.7	6105.37	2.93 S	150.70 E	-6.09	0.25
6176.00	3.25	120.7	6167.28	4.66 S	153.56 E	-7.87	0.54
6238.00	3.19	118.7	6229.18	6.38 S	156.58 E	-9.66	0.21
6300.00	3.35	119.0	6291.08	8.09 S	159.68 E	-11.43	0.26
6362.61	3.49	117.0	6353.58	9.85 S	162.98 E	-13.26	0.29
6423.00	3.16	117.1	6413.86	11.44 S	166.10 E	-14.91	0.54
6484.00	3.34	115.5	6474.77	12.97 S	169.20 E	-16.51	0.32
6543.00	3.43	115.0	6533.66	14.45 S	172.35 E	-18.06	0.16
6605.00	3.60	114.9	6595.55	16.05 S	175.80 E	-19.73	0.28
6667.00	3.52	116.4	6657.43	17.72 S	179.27 E	-21.47	0.20
6700.00	3.43	115.5	6690.37	18.59 S	181.07 E	-22.38	0.31
6760.00	3.16	114.4	6750.27	20.05 S	184.19 E	-23.90	0.45
6823.00	3.34	112.8	6813.16	21.48 S	187.47 E	-25.40	0.31
6886.00	3.52	113.4	6876.05	22.96 S	190.93 E	-26.95	0.28
6947.00	3.34	114.2	6936.94	24.43 S	194.27 E	-28.49	0.30
7009.00	3.16	112.3	6998.84	25.82 S	197.50 E	-29.95	0.33
7071.00	3.16	111.8	7060.75	27.11 S	200.67 E	-31.31	0.05
7135.00	3.34	111.4	7124.65	28.45 S	204.04 E	-32.71	0.28
7196.00	3.47	110.4	7185.54	29.74 S	207.43 E	-34.08	0.24
7228.00	3.50	108.7	7217.48	30.39 S	209.26 E	-34.77	0.33
7320.00	3.49	106.7	7309.31	32.10 S	214.60 E	-36.59	0.13
7382.00	3.50	107.9	7371.19	33.23 S	218.21 E	-37.79	0.12
7444.00	3.57	107.0	7433.07	34.38 S	221.86 E	-39.01	0.15
7475.00	3.69	106.5	7464.01	34.94 S	223.74 E	-39.62	0.40
7568.00	3.43	110.7	7556.83	36.78 S	229.21 E	-41.57	0.40
7629.00	3.60	104.8	7617.72	37.91 S	232.77 E	-42.78	0.66
7723.00	3.69	107.8	7711.53	39.59 S	238.50 E	-44.57	0.22
7816.00	3.78	106.9	7804.33	41.39 S	244.29 E	-46.50	0.11
7878.00	3.34	106.7	7866.21	42.50 S	247.97 E	-47.69	0.71
7940.00	3.43	107.8	7928.10	43.59 S	251.47 E	-48.84	0.17
8003.00	3.43	105.3	7990.99	44.66 S	255.08 E	-49.99	0.23

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
8066.00	3.16	100.9	8053.88	45.48 S	258.60 E	-50.89	0.58
8124.00	2.99	106.7	8111.80	46.22 S	261.62 E	-51.69	0.62
8187.00	3.16	107.9	8174.71	47.23 S	264.85 E	-52.76	0.30
8250.00	3.52	107.4	8237.60	48.34 S	268.35 E	-53.95	0.56
8313.00	3.16	101.4	8300.50	49.26 S	271.90 E	-54.95	0.78
8376.00	3.08	101.4	8363.40	49.94 S	275.26 E	-55.70	0.14
8458.00	4.18	115.0	8445.24	51.65 S	280.12 E	-57.50	1.70
8522.00	3.70	115.5	8509.09	53.52 S	284.10 E	-59.46	0.76
8585.00	3.78	106.3	8571.95	54.98 S	287.93 E	-61.00	0.95
8649.00	3.50	98.6	8635.82	55.87 S	291.89 E	-61.97	0.87
8712.00	3.51	84.8	8698.71	55.98 S	295.71 E	-62.16	1.34
8808.00	3.22	86.3	8794.54	55.55 S	301.33 E	-61.84	0.32
8872.00	3.17	76.7	8858.44	55.02 S	304.85 E	-61.39	0.84
8935.00	3.73	80.6	8921.33	54.29 S	308.56 E	-60.74	0.96
8999.00	3.84	76.3	8985.19	53.44 S	312.70 E	-59.98	0.48
9062.00	3.35	75.2	9048.06	52.47 S	316.53 E	-59.09	0.78
9126.00	3.51	73.3	9111.95	51.43 S	320.22 E	-58.13	0.30
9221.00	3.60	77.9	9206.77	49.97 S	325.93 E	-56.79	0.31
9285.00	4.22	86.5	9270.62	49.41 S	330.25 E	-56.31	1.33
9317.00	4.39	85.8	9302.53	49.24 S	332.64 E	-56.20	0.57
9380.00	4.50	89.2	9365.34	49.03 S	337.52 E	-56.09	0.45
9412.00	4.47	92.4	9397.24	49.06 S	340.02 E	-56.17	0.80
9444.00	4.41	95.4	9429.14	49.23 S	342.50 E	-56.39	0.73
9476.00	3.87	102.8	9461.06	49.59 S	344.77 E	-56.80	2.40
9507.00	3.60	108.8	9491.99	50.13 S	346.72 E	-57.38	1.52
9539.00	3.43	113.9	9523.93	50.85 S	348.54 E	-58.13	1.12
9571.00	3.08	120.9	9555.88	51.68 S	350.15 E	-59.00	1.66
9603.00	2.46	136.6	9587.85	52.62 S	351.36 E	-59.96	3.03
9635.00	2.02	145.2	9619.82	53.58 S	352.16 E	-60.94	1.73
9666.00	1.93	165.0	9650.80	54.53 S	352.60 E	-61.90	2.22
9698.00	1.67	190.5	9682.79	55.51 S	352.66 E	-62.88	2.61
9730.00	2.37	219.4	9714.77	56.48 S	352.15 E	-63.84	3.80
9762.00	3.16	225.2	9746.73	57.62 S	351.10 E	-64.96	2.62
9793.00	3.69	222.9	9777.68	58.95 S	349.82 E	-66.26	1.76
9825.00	4.31	225.9	9809.60	60.54 S	348.25 E	-67.82	2.03
9856.00	4.66	239.1	9840.50	62.00 S	346.34 E	-69.24	3.50
9888.00	5.62	243.3	9872.37	63.37 S	343.82 E	-70.56	3.24
9920.00	6.42	251.7	9904.20	64.64 S	340.73 E	-71.76	3.70
9951.00	6.59	252.2	9935.00	65.73 S	337.39 E	-72.78	0.60
9983.00	6.68	247.8	9966.78	66.99 S	333.91 E	-73.96	1.61
10015.00	7.03	245.6	9998.56	68.50 S	330.41 E	-75.40	1.39
10047.00	7.73	247.3	10030.29	70.14 S	326.64 E	-76.96	2.31
10079.00	8.26	248.7	10061.98	71.80 S	322.51 E	-78.54	1.76

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MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
10110.00	8.73	248.5	10092.64	73.47 S	318.24 E	-80.12	1.53
10142.00	9.04	248.2	10124.25	75.29 S	313.65 E	-81.84	0.95
10174.00	9.47	247.5	10155.84	77.23 S	308.88 E	-83.68	1.40
10205.00	9.93	247.3	10186.40	79.24 S	304.06 E	-85.59	1.49
10237.00	10.08	247.7	10217.91	81.36 S	298.92 E	-87.61	0.55
10269.00	10.31	249.3	10249.40	83.44 S	293.65 E	-89.57	1.09
10301.00	10.61	250.8	10280.87	85.42 S	288.19 E	-91.44	1.29
10332.00	10.75	253.2	10311.33	87.19 S	282.72 E	-93.10	1.49
10364.00	11.08	254.6	10342.76	88.88 S	276.90 E	-94.65	1.30
10396.00	11.20	258.4	10374.15	90.32 S	270.90 E	-95.97	2.32
10428.00	11.42	260.3	10405.53	91.48 S	264.73 E	-97.00	1.37
10459.00	11.70	263.9	10435.90	92.33 S	258.58 E	-97.73	2.49
10491.00	12.04	265.1	10467.22	92.96 S	252.03 E	-98.22	1.32
10522.00	12.13	265.8	10497.53	93.48 S	245.56 E	-98.60	0.55
10554.00	12.22	267.2	10528.81	93.90 S	238.83 E	-98.88	0.97
10586.00	12.22	268.9	10560.09	94.12 S	232.06 E	-98.96	1.16
10605.00	10.40	273.5	10578.72	94.06 S	228.34 E	-98.82	10.63
10668.00	7.92	289.4	10640.92	92.27 S	218.56 E	-96.83	5.59
10700.00	7.81	288.8	10672.62	90.84 S	214.42 E	-95.31	0.42
10764.00	5.62	286.2	10736.18	88.57 S	207.29 E	-92.89	3.45
10826.00	4.90	238.8	10797.94	89.09 S	202.11 E	-93.30	6.89
10858.00	4.80	232.6	10829.83	90.61 S	199.87 E	-94.78	1.68
10885.00	6.30	247.4	10856.70	91.87 S	197.61 E	-95.99	7.64
10922.00	7.85	266.4	10893.42	92.81 S	193.21 E	-96.84	7.53
10954.00	9.11	270.0	10925.07	92.95 S	188.49 E	-96.88	4.27
10986.00	9.06	280.4	10956.67	92.50 S	183.48 E	-96.32	5.12
11019.00	10.79	284.2	10989.18	91.27 S	177.93 E	-94.98	5.61
11051.00	11.93	287.1	11020.55	89.57 S	171.87 E	-93.15	3.99
11083.00	12.04	288.3	11051.85	87.55 S	165.54 E	-90.99	0.88
11115.00	12.24	289.3	11083.14	85.38 S	159.17 E	-88.69	0.87
11148.00	12.24	290.2	11115.39	83.01 S	152.58 E	-86.19	0.60
11180.00	12.96	291.2	11146.62	80.54 S	146.05 E	-83.58	2.36
11212.00	14.64	297.7	11177.69	77.36 S	139.13 E	-80.26	7.09
11244.00	16.05	305.2	11208.56	72.93 S	131.93 E	-75.68	7.60
11277.00	19.19	312.9	11240.01	66.61 S	124.22 E	-69.19	11.88
11309.00	21.46	317.4	11270.01	58.71 S	116.41 E	-61.13	8.59
11341.00	21.53	326.8	11299.80	49.48 S	109.24 E	-51.76	10.75
11374.00	23.14	333.8	11330.33	38.59 S	103.06 E	-40.74	9.36
11406.00	24.52	337.0	11359.60	26.84 S	97.69 E	-28.88	5.97
11438.00	27.39	340.9	11388.37	13.76 S	92.70 E	-15.70	10.43
11470.00	30.04	344.2	11416.43	0.90 N	88.11 E	-0.93	9.63
11503.00	31.40	346.7	11444.80	17.22 N	83.89 E	15.46	5.66

U.P.R.C.
UPRR 27-1H

02-May-95 17:32:28
CA-MW-50015

MEASURED DEPTH	ANGLE DEG	DIRECTION DEG	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
11535.00	35.02	348.2	11471.57	34.33 N	80.10 E	32.64	11.59
11567.00	38.80	350.8	11497.16	53.22 N	76.62 E	51.60	12.83
11599.00	41.38	351.6	11521.63	73.59 N	73.49 E	72.03	8.22
11631.00	44.03	354.5	11545.15	95.12 N	70.88 E	93.62	10.24
11664.00	46.77	356.4	11568.32	118.54 N	69.03 E	117.07	9.33
11696.00	51.49	357.0	11589.25	142.70 N	67.64 E	141.25	14.80
11728.00	55.11	357.6	11608.37	168.32 N	66.42 E	166.89	11.41
11760.00	59.95	358.9	11625.55	195.30 N	65.60 E	193.88	15.55
11792.00	64.28	359.7	11640.51	223.57 N	65.28 E	222.16	13.72
11824.00	68.31	359.2	11653.37	252.87 N	65.00 E	251.45	12.65
11856.00	70.88	359.1	11664.53	282.85 N	64.55 E	281.44	8.05
11889.00	71.51	358.8	11675.16	314.08 N	63.99 E	312.68	1.99
11921.00	70.93	358.1	11685.47	344.37 N	63.18 E	342.97	2.93
11953.00	70.70	357.6	11695.98	374.57 N	62.03 E	373.19	1.66
11985.00	70.20	358.9	11706.69	404.71 N	61.09 E	403.34	4.14
12018.00	68.38	357.5	11718.36	435.56 N	60.11 E	434.21	6.79
12050.00	68.42	357.7	11730.14	465.29 N	58.86 E	463.95	0.76
12082.00	65.50	355.4	11742.66	494.68 N	57.11 E	493.37	11.28
12115.00	61.31	356.7	11757.43	524.11 N	55.08 E	522.84	13.16
12147.00	60.70	356.9	11772.94	552.05 N	53.53 E	550.81	1.97
12179.00	60.50	357.3	11788.65	579.90 N	52.12 E	578.68	1.18
12211.00	60.50	357.5	11804.41	607.72 N	50.87 E	606.52	0.68
12243.00	59.92	357.1	11820.31	635.46 N	49.56 E	634.29	2.23
12275.00	59.59	357.5	11836.42	663.08 N	48.25 E	661.92	1.47
12307.00	59.70	357.5	11852.60	690.66 N	47.03 E	689.53	0.36
12340.00	59.18	357.6	11869.37	719.05 N	45.82 E	717.94	1.60
12372.00	60.65	358.4	11885.42	746.72 N	44.87 E	745.62	5.10
12404.00	64.10	357.8	11900.25	775.06 N	43.95 E	773.97	10.91
12436.00	68.33	359.6	11913.16	804.32 N	43.31 E	803.24	14.16
12469.00	70.85	358.7	11924.67	835.24 N	42.87 E	834.16	8.07
12501.00	71.48	359.5	11935.00	865.53 N	42.41 E	864.45	3.09
12533.00	71.12	0.5	11945.26	895.84 N	42.43 E	894.75	3.20
12565.00	70.80	359.8	11955.69	926.09 N	42.51 E	924.99	2.52
12598.00	70.19	357.2	11966.71	957.18 N	41.67 E	956.10	7.69
12630.00	70.63	358.9	11977.44	987.31 N	40.62 E	986.24	5.22
12662.00	69.18	359.8	11988.44	1017.35 N	40.28 E	1016.29	5.34

U.P.R.C.
UPRR 27-1H

02-May-95 17:32:28
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THE DOGLEG SEVERITY IS IN DEGREES PER 100.00 FEET.
THE VERTICAL SECTION IS RELATIVE TO THE WELLHEAD AND CALCULATED ALONG 358.80 DEG (TRUE).

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS, THE BOTTOM HOLE DISPLACEMENT IS 1018.15 FEET, IN THE DIRECTION OF 2.27 DEG (TRUE) AND RELATIVE TO WELLHEAD.

A DECLINATION OF 13.71 DEG HAS BEEN APPLIED.

Union Pacific Resources
A Subsidiary of Union Pacific Corporation

January 12, 1996

Division of Oil, Gas and Mining
Utah Department of Natural Resources
3 Triad Center - Suite 350
355 West North Temple Street
Salt Lake City, Utah 84190

ATTN: Mr. Frank Matthews

RE: Completion Report
UPRC UPRR 27-1H
Section 27, T. 2 N., R. 6 E., SLM
Summit County, Utah

Dear Mr. Matthews:

Enclosed please find one original completion report for the above referenced well. Union Pacific Resources Company (UPRC) has temporarily abandoned the wellbore due to numerous problems encountered during drilling. At present the hole is junked with several "items. UPRC is evaluating redrilling the well using the existing wellbore or permanently abandoning it and drilling a new wellbore. I apologize for the delay in submitting the completion report.

Please call me at (817) 877-7952, FAX (817) 87707942, if you have any questions or need additional information.

Yours truly,

UNION PACIFIC RESOURCES COMPANY

W. F. Brazelton
Senior Regulatory Analyst

Union Pacific Resources Company
P.O. Box 7
Fort Worth, Texas 76101-0007
817 / 877-6000
TWX 910 893 5024
Telex 758-447

FORM 8

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL No.: Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: UPRR Fee

9. WELL NAME: UPRR 27-1H

10. FIELD AND POOL, OR WILDCAT: Lodgepole

11. QQ, SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SESE Sec. 27, T. 2 N., R.6 E.

1 a. TYPE OF WELL: ( ) OIL WELL (X) GAS WELL ( ) DRY ( ) OTHER

b. TYPE OF COMPLETION: (X) NEW WELL ( ) WORKOVER (X) DEEPEN ( ) PLUG BACK (X) DIFF. RESV. ( ) OTHER

2. NAME OF OPERATOR: UNION PACIFIC RESOURCES COMPANY

3. ADDRESS OF OPERATOR: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At Surface: 904' FSL, 578' FEL Sec. 27, T. 2 N., R. 6 E.

At Proposed Producing Zone: NA

At Total Depth: 1922' FSL, 539' FEL Sec. 27, T. 2 N., R. 6 E.

14. API NUMBER	DATE ASSIGNED	12. COUNTY	13. STATE
43-043-30306	94-9-20	Summit	Utah

15. SPUD DATE	16. DATE TD REACHED	17. DATE COMPL. (Ready to prod.) or (Plug & Abd.)	18. ELEVATIONS (DF, RKB, RT, GL, etc.)	19. ELEV. CASINGHEAD
94-12-21	95-04-30	NA	GR - 7798'; KB - 7818' MSL	

20. TOTAL DEPTH (MD & TVD)	21. PLUG BACK TD, MD & TVD	22. IF MULTIPLE COMPL., HOW MANY	23. INTERVAL DRILLED BY	Rotary?	Cable Tools?
12662' MD/11989' TVD	NA	NA		Yes	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION -- TOP, BOTTOM, NAME (MD & TVD)

Hole is temporarily abandoned due to junk in wellbore. May be permanently abandoned and redrilled.

25. WAS DIRECTIONAL SURVEY MADE? Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Mud Log 6-20-95

27. WAS WELL CORED? ( ) Yes (X) No *(Submit Analysis)*

DRILL STEM TEST? ( ) Yes (X) No *(See Reverse Side)*

28. CASING RECORD *(Report all strings set in well)*

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	106.5	81'		5 CY Redi-mix	
10-3/4"	40.5	2009'		605 SX 65:35 POZ "G" + 2060 SX "G" (total) SQZ	
8-5/8"	32	3781'		1000 SX Class "G" + 931 SX "G" (total) SQZ	
7"	32	10590'		935 SX Class "G"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)
NA				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD *(Interval, size, and number)*

NA

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD *(Flowing, gas lift, pumping--size and type of pump)*	WELL STATUS *(Producing or shut-in)*
		TA

DATE OF TEST	HOURS TESTED	COKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS - OIL RATIO

FLOW. TBG PRESSURE	CSG PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS *(Sold, used for fuel, vented, etc.)*: NA

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Wellbore schematic diagram.

36 I hereby certify that this report is true and complete to the best of my knowledge

Signed: W. F. Brazelton Title: Senior Regulatory Analyst Date: 95-11-17

completion date used FOR TA

See Spaces for Additional data on Reverse Side

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INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEM 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completions), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottoms(s), and name(s) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

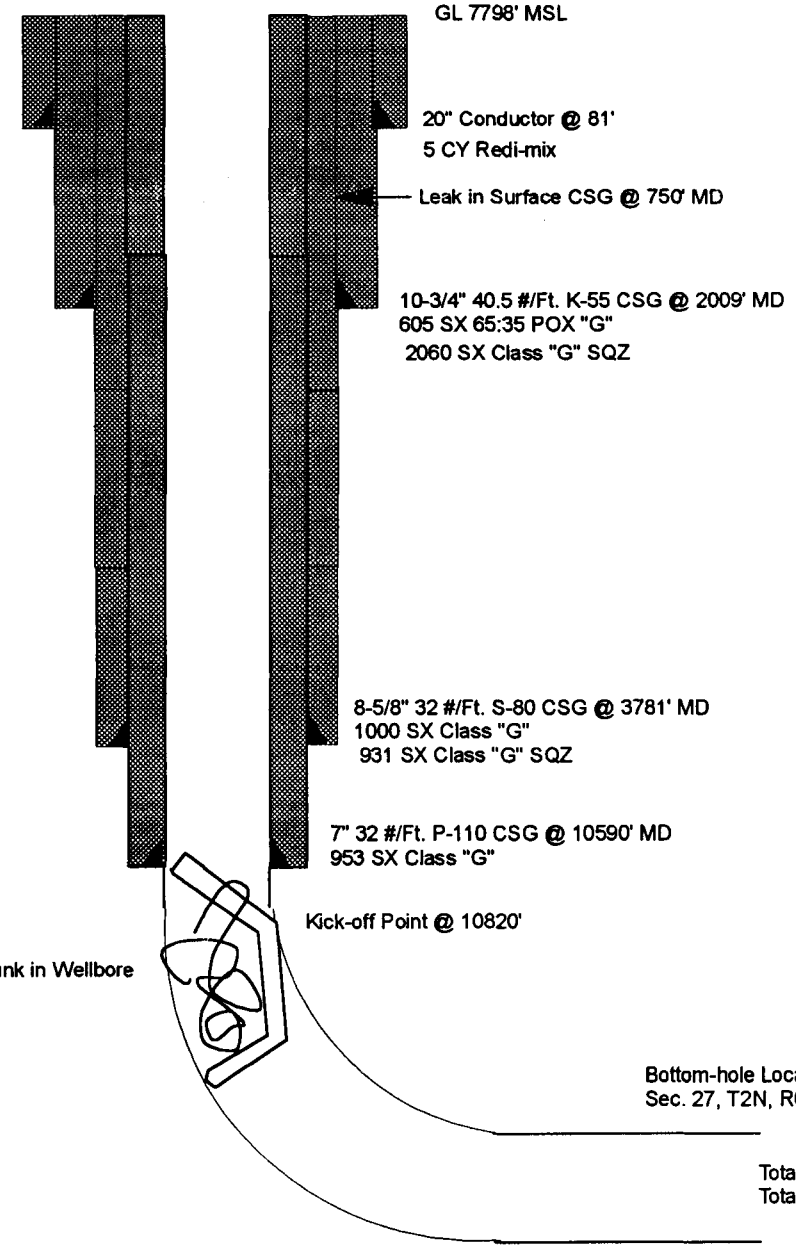
ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this for each interval to be separately produced (see instruction for Items 22 and 24 above).

37. SUMMARY OF PORUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressure, and recoveries.				38. GEOLOGIC MARKERS		
					Top	
Formation	Top	Bottom	Description, contents, etc	Name	Measured Depth	True Vertical Depth
				Top Salt	10553'	10528'
				Base Salt	10632'	10606'
				Giraffe	10725'	10698'
				Leeds Creek	11163'	11130'
				Watton Canyon	11280'	11252'
				Boundary Ridge	11685'	11581'

WELL NAME: UPRR 27-1H
Sec. 27, T. 2 N., R. 6 E.
SURF LOC. - 904' FSL. 578' FEL Sec. 27
Summit County, Utah
API No. 43-043-30306

DATE: 9-01-12
BY: WFB
FIELD: Lodgepole
SPUD DATE:94-12-21



RECEIVED
JAN 19 1996
DIVISION OF
OIL, GAS

UNION PACIFIC RESOURCES COMPANY

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.	NA
6. If Indian, Allotee or Tribe Name	NA
7. Unit Agreement Name	NA
8. Well Name and Number	UPRR 27-1H
9. API Well Number	43-043-306
10. Field and Pool, or Wildcat	LODGEPOLE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL (X) GAS ( ) OTHER:

2. Name of Operator: Union Pacific Resources Company

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM State: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other:	
(X) Other: Sundry Notice of Intent to close reserve pit.			
Approximate date work will start: Upon approval		Date of work completion	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Please be advised that Union Pacific Resources Company plans on permanently closing the reserve pit at the UPRR 27-1H location in order to prevent slumping and erosion associated with the pit. We will appreciate your consideration and approval of this request.

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W F Brazelton Title: Senior Regulatory Analyst Date: 96-10-22

(This space for State use only)

* Attached recommended pit closure procedures

(12/92)

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 10-24-96
By:

UTAH DIVISION OF OIL, GAS & MINING

RESERVE PIT CLOSURE
RECOMMENDED PROCEDURES

The reserve pit should be closed within one year following drilling and completion of a well (R649-16.3). The pit can be considered cleaned up when it meets the following recommended levels. Operators should avoid putting wastes other than drill cuttings, mud and completion fluids into a reserve pit since this could complicate pit closure requirements.

Liquid in the pit should be allowed either to evaporate or be removed. If removed it must be disposed of properly either by injection (in this well or another) or hauled to a permitted disposal facility, or re-used at another well.

Pit liners can be cut off above the cuttings/mud level and hauled to a landfill, or folded in and processed along with other pit contents and covered. No remnants of liner material should be exposed at the surface when pit closure is complete.

Backfill Closure:

If well was drilled with fresh mud, a liner was not required, and pit does not contain much oil (TPH ≤3%). The pit can simply be backfilled once fluids are removed, evaporated and/or percolated.

Dilution Burial:

This method should not be used in general if the water table is less than 10 feet below the pit bottom, especially if intervening material is permeable such as sandy or gravelly soils. Pit contents are mixed with adjacent soil to reduce constituents levels below recommended levels (EC ≤12 mmhos/cm, TPH ≤3%), or higher if background levels are higher or with Division approval. Pit contents after mixing should contain no more than about 50% moisture by weight prior to burial of a waste/soil mix. Mixed contents should be covered with at least two feet of soil including top soil if possible.

Solidification:

This method commonly uses cementitious/pozzolanic processes that envelope the waste solids in a materials matrix. Mixed pit contents should be covered with at least two feet of soil including top soil if possible.

Spreading:

Pit contents (after fluid removal) can be spread over location and mixed in as long as cleanup levels are met as determined using the Division's guidance for estimating cleanup levels for petroleum contaminated soils. Pit can then be backfilled.

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: NA

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well: OIL (X) GAS ( ) OTHER:

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-~~000~~ 30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578'FEL Sec. 27, T. 2 N., R. 6 E., SLBM
County: SUMMIT
QQ, Sec., T., R., M.: SE4/SE4 Sec. 27, T. 2 N., R. 6 E. SLBM
State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	(X) Other: Dispose of reserve pit water	
( ) Other:			
Approximate date work will start:		Date of work completion_____	

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Please be advised that Union Pacific Resources Company disposed of approximately 9,450 bbls of produced water from the UPRR 27-1H reserve pit in the UPRC Judd 4-1H horizontal lateral in the Rich Formation before permanently abandoning the lateral.

RECEIVED
OCT 30 1996
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS **"COMPANY CONFIDENTIAL"**

If additional information is needed, please contact the undersigned at (817) 877-7952, FAX (817) 877-7942

13.

Name/Signature: W. F. Brazelton W. F. Brazelton Title: Senior Regulatory Analyst Date: 96-10-28

(This space for State use only)

(12/92)

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well:
OIL ( ) GAS ( ) OTHER: (X) INJ. ( )
Plug and Abandon

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-30306

2. Name of Operator
Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number
P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-6000 (Main Number)

4. Location of Well
Footages: 904' FSL, 578' FEL Sec. 27, T. 2 N., R. 6 E.
QQ, Sec., T., R., M.: (SE/4NW/4) Sec. 27, T. 2 N., R. 6 E.
County: Summit
State: Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
(X) Abandonment	( ) New Construction	( ) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other_____	
( ) Other:			
Approximate date work will start: Upon Approval		Date of work completion_____	
		Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.	
		* Must be accompanied by a cement verification report.	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company proposes to plug and abandon the above referenced well per the attached procedure.

We will appreciate your earliest attention to, and approval of, this request.

RECEIVED
JUN 11 1997
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS **"COMPANY CONFIDENTIAL"**
If additional information is needed, please contact the undersigned at (817) 877-7664, FAX (817) 877-7942

13.

Name/Signature: David S. Petrie Title: Senior Regulatory Analyst Date: 6-10-97

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
~~OIL~~, GAS, AND MINING
DATE: 6/12/97
BY: John R. Baza

UPRR 27-1H
43-043-30306
SESE 27-2N-6E
Lodgepole Field
AFE No. Axxxx

Approval is requested for funds in the amount of $50M to permanently plug and abandon the subject well and reclaim the surface location. The UPRR 27-1H has never produced and has been in a temporarily abandoned status with junk in the hole since August 1995. A recent engineering and geological review identified little reserve potential in the area and significant mechanical risk associated with sidetracking the well. Furthermore, the surface site is situated on an unstable mountain slope which has been aggravated by the abnormally high winter snowfall. Therefore, plugging and abandonment is recommended at once to avoid potential future location access problems.

The UPRR 27-1H was proposed as a 3700' horizontal well targeting the Watton Canyon member of the Twin Creek formation. The well was spudded December 21, 1994 and encountered severe lost circulation problems in the shallow part of the hole. This resulted in stuck pipe, an abandoned fish, and a subsequent sidetrack at 600'. Surface casing (10 3/4") was set at 2009' and an intermediate casing string (8 5/8") was set at 3780' due to continued lost circulation problems. Drilling proceeded over the next 30 days with minimal difficulty to a depth of 11,275'. However, the 7" production casing became stuck during running operations and was set at 10,590' with approximately 80' of the Preuss Salt still exposed. Subsequent drilling operations resulted in the loss of a bit, bearing pac, rotors, and two drive shafts. Attempts to fish the lost equipment resulted in leaving two cross-over subs and an overshot in the hole. The well was sidetracked and drilled to 12,707' MD. Again problems were encountered and 14 stands of drillpipe, two monel collars, an MWD, cross-over, float sub, mud motor and bit were stuck in the hole. Follow-up fishing operations were unsuccessful leaving a wall hook and flat bottom mill on top of the 1445' fish already in the hole. In May 1995 after spending in excess of $4,000,000 on the well, it was decided to abandon any further drilling operations. An unsuccessful attempt to produce the well was made in July of the same year. The UPRR 27-1H has remained shut-in since that time.

UPRR 27-1H
43-043-30306
Lodgepole Field
AFE No. Axxxx

Pertinent Information:

Location:	SESE Sec. 27-T2N-R6E Summit County, Utah
TD:	12,707'
PBTD:	10,565' (Top of fish)
GL:	7,798'
KB:	7,818'
Surface Casing:	10 ¾", 40.5#, K-55, ST&C csg at 2,009'. Cmtd in 14 ¾" hole w/605 sx 65:35 Poz & 250 sx Class G. Pumped 605 sx 65:35 Poz & 850 sx Class G down backside 1". Burst = 3130 psig; collapse=1580 psig.
Intermediate Csg:	8 ⅝", 32#, S-80, ST&C csg at 3,677'. Cmtd in 9 ⅞" hole w/450 sx Class G. Pumped 1012 sx Class G down backside. Burst = 3930 psig; collapse = 2530 psig.
Production Csg:	7", 38# , P-110, AB STL. Set to 10,590'. Cmtd in 7 ⅞" hole (8,376'-10,590') and 9 ⅞" hole (3,677'-8,376') w/953 sx Class G. Pumped 466 sx 65:35 Poz down backside. Burst = 12,170 psig; collapse = 15,110 psig
Note:	Milled out damaged 7" casing 10,538'-10,590'

Objective:

To permanently plug and abandon the subject well and reclaim the surface location

Procedure:

1. Set pipe racks. Truck 10,600' ± of 2 ⅞", 6.5#, N-80 tubing to location.

2. MIRU workover rig, pump, and flat tank.

3. ND wellhead and NU BOP equipment.

4. PU tubing and RIH to top of fish at 10,565' ±. ***Note: Casing may be restricted above this point as submersible pump set at 10,457' required 100,000# pull to free on 7/13/95. In addition, acid job pumped on 7/27/95 could not be displaced below 7" casing.***

5. RU DS and spot 100' (19.1 ft^3) balanced plugs inside 7" casing at 10,500', 7500', 5000', and 3630-3730'.

6. PU 7" casing and release slips.

7. PU 100' of 1" tubing and cement 7" x 8 5/8" annulus with 7.5 ft3. ***Note: Casing annulus may be full due to backside squeeze performed during drilling operations on the well.***

8. Spot cement from 40'-5' in 7" casing.

9. RDMO rig and equipment.

10. Cut off casing 3' below ground level. Weld on cap or regulation P&A marker. Marker to be inscribed with the following:

UPRR 27-1H
Union Pacific Resources Company
S27 T2N R6E
Elevation: 7798'

J. Rob Dunleavy

cc: Pete Straub
Marty Talbott

UPRR 27-1H
Lodgepole Field
Plug and Abandon

COST ESTIMATE

ITEM	**AMOUNT**
Rig Time (3days @ $2500/day)	$ 7.5 M
Cementing	$ 10.0 M
Rentals	$ 1.2 M
Roustabouts	$ 2.0 M
Trucking	$ 1.5 M
Water Hauling	$ 4.0 M
Supervision	$ 2.0 M
Dirt work and site reclamation	$ 15.0 M
Miscellaneous and contingency @ 15%	$ 6.8 M
Total	**$ 50.0 M**

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

CONDITIONS OF APPROVAL

Well Name and Number:	UPRR 27-1H
API Number:	43-043-30306
Operator:	Union Pacific Resources Company
Type of Approval Requested:	P&A well
Reference Document:	Sundry notice dated 6/10/97

Approval Conditions:

1. After pumping the balanced plug inside the 7" casing at 10,500', the operator will wait on cement for a minimum of eight hours and then tag the plug and set down with adequate weight on the work string to ensure that the plug top exists at the anticipated depth and that the cement has set up.

2. The interval between plugs shall be filled with noncorrosive fluid.

3. If not already sealed at surface, the 8-5/8" x 10-3/4" casing annulus and the 10-3/4" x 20" casing annulus shall be sealed with cement.

4. The operator shall verbally notify the Division at least 24 hours prior to commencing plugging operations to allow for witnessing of operations by a Division representative. Contact John Baza, ph. (801)538-5334, Mike Hebertson, ph. (801)538-5333, or Jim Thompson, ph. (801)538-5336.

John R. Baza

John R. Baza, Petroleum Engineer

6/17/97

Date

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
RECORD OF ABANDONMENT OPERATIONS

COMPANY NAME: UNION PACIFIC RES CEMENTING CO.: DOWELL
WELL NAME: UPRR 27-1H
QTR/QTR: SE/NW SECTION: 27 TOWNSHIP: 2N RANGE: 6E
COUNTY: SUMMIT API NO.: 43-043-30306
INSPECTOR: JLT & MKH DATE: 6/26-27/97

CEMENTING OPERATIONS: P&A WELL: X

SURFACE CASING SHOE DEPTH: _____FT. CASING PULLED YES: ___ NO: X

CASING PULLED: SIZE: ____ DEPTH CUT: ____ FT. CSG RECOVERED: _____

1 CIBP SET @: _____FT.

2 CIBP SET @: _____FT.

(1) PLUG SET @:FROM: 10,510' TO: 10,335' FT. TAGGED:YES: X NO: ___
PRESSURE TESTED TO 2500#'S. SEE ATTACHED CEMENTING REPORT.

(2) PLUG SET @:FROM: 7500 TO: 7400 FT. TAGGED: YES: ___ NO: X
SLURRY: _____

(3) PLUG SET @:FROM: 5000 TO: 4900 FT. TAGGED: YES: _ NO: X
SLURRY: _____

(4) PLUG SET @:FROM: 3730 TO: 3630 FT. TAGGED: YES: _ NO: X
SLURRY: _____

(5) PLUG SET @:FROM: _____ TO: _____FT. TAGGED: YES: _ NO: ___
SLURRY: _____

SURFACE PLUG: FROM: 60' TO: 0 FT. _____

ALL ANNULUS CEMENTED TO SURFACE: YES: X NO: _____

ABANDONMENT MARKER: PLATE: _____ PIPE: YES

COMMENTS: 6/26/97-POH-LAYED DOWN 5 JOINTS. POH 8 STANDS AND STOOD BACK. WOC-2:45 PM. 6/27/97-TAGGED PLUG @ 10,335'. SEE ATTACHED CEMENTING REPORT FOR ADDITIONAL BALANCE PLUGS.

WELL TREATMENT REPORT
SUPPLEMENTAL LOG
DS-494-1-A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

DATE 6/27

CUSTOMER WELL NAME AND NUMBER	LOCATION (LEGAL)	POOL/FIELD	TREATMENT NUMBER
UPR - UPRR 27-1H	Sec 27-T2N-R6E	Conville	4849

PAGE 2 OF 2 PAGES

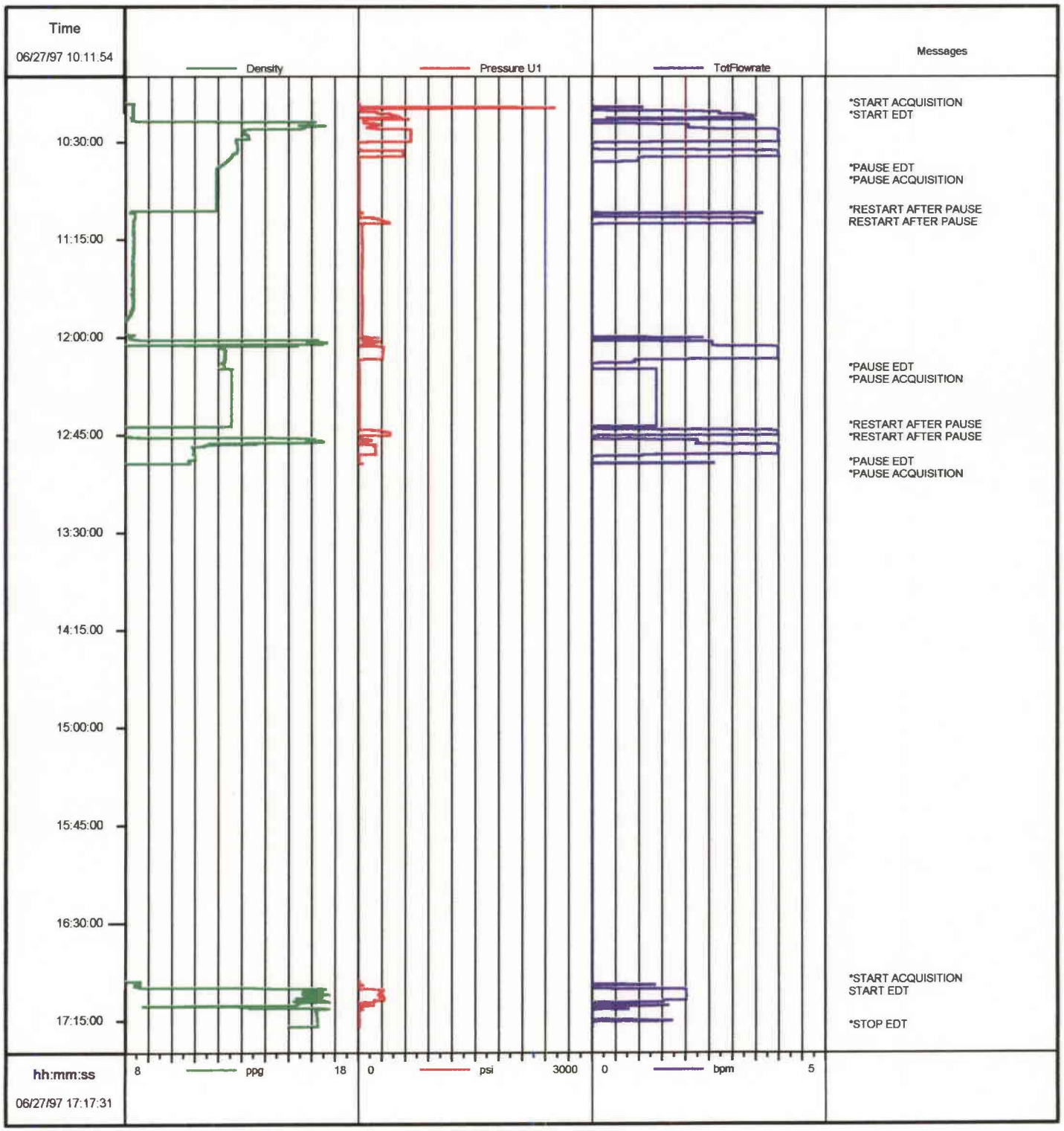
TIME (0001 to 2400)	INJECTION RECORD							PRESSURE		NOTATIONS
	TYPE OF FLUID	RATE BPM	CO_2 : N_2 RATE	INCREMENT VOL. BBLS.	CUM VOL. BBLS.	PROP TYPE	PROP #/GAL.	CSG.	TBG	
1205	FW	2½		10	–			0	0	Breakcirc (wash to top H2O
1245	CMT 15.8#	1+		3½	10			Flow	400#	START CMT (5000')
1250	FW	4		27	13½			Flow	350#	START Disp. #3
1258	–	–		–	40½			0	0	SHUTDOWN Pull Tubing
1332	FW	3		10	–			0	0	Breakcirc
1335	CMT 15.8	1½		3½	10			Flow	400#	START CMT
1338	FW	4-1		20	13½			Flow	200#	START Disp (3730')
1344	–	–		–	33½			0	0	SHUTDOWN Pull Tubing
~~1700~~								0	0	Fill 7" with 3 jts 1"
1700	CMT 16#	1-2		14	–			Flow	275	START CMT 3% S-1
1710	–	–		–	14			0	0	SHUTDOWN

Schlumberger
Dowell

Cementing Job Report

PRISM* V2.2

Well	UPRR # 27-[redacted] 1 1-1	**Client**	U.P.R.
Field	SEC27-T2N-R6E	**SIR No.**	2000-4849
Country	P & A	**Job Date**	6/27/97 10:11:54 AM



Job: upr4849b

06/27/1997 17:24

* Mark of Schlumberger

CEMENTING SERVICE REPORT

Schlumberger
Dowell
DOWELL SCHLUMBERGER INCORPORATED

DS-496-A PRINTED IN U.S.A.

TREATMENT NUMBER 000-4849 | DATE 6/26/97
STAGE | DS | DISTRICT Rock Springs Wy

WELL NAME AND NO.	LOCATION (LEGAL)
UPRR #27-1H	Sec 27-T2N-R6E
FIELD-POOL Coalville	FORMATION
COUNTY/PARISH Summit	STATE Utah / API. NO.

NAME U.P.R.

AND

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS
SET 150' plug @ 10500'
(35 sx) 20sx @ 7500',
20 sx @ 5000'
20 sx @ 3730'

IS CASING/TUBING SECURED? ☒ YES ☐ NO Bales & Safety Cable
LIFT PRESSURE 10000# ± PSI | CASING WEIGHT ÷ SURFACE AREA (3.14 x R²)
PRESSURE LIMIT 2500# PSI | BUMP PLUG TO N/A PSI
ROTATE RPM | RECIPROCATE FT | No. of Centralizers 4

RIG NAME: Canon

WELL DATA:		BOTTOM			TOP
BIT SIZE	CSG/Liner Size				
TOTAL DEPTH	WEIGHT	N/A			
☐ ROT ☐ CABLE	FOOTAGE				
MUD TYPE	GRADE				
☐ BHST ☐ BHCT	THREAD				
MUD DENSITY	LESS FOOTAGE SHOE JOINT(S)				TOTAL
MUD VISC.	Disp. Capacity				

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	N/A	Stage Tool	TYPE	
	DEPTH			DEPTH	N/A
SHOE	TYPE			TYPE	
	DEPTH	N/A		DEPTH	

Head & Plugs	☒ TBG ☐ D.P.	SQUEEZE JOB	
☐ Double	SIZE 2 7/8	TOOL TYPE	
☐ Single	☐ WEIGHT 6.5#	DEPTH	
☒ Swage	☐ GRADE	TAIL PIPE: SIZE N/A	DEPTH
☐ Knockoff	☐ THREAD EUE	TUBING VOLUME	Bbls
TOP ☐R ☐W	☐ NEW ☒ USED	CASING VOL. BELOW TOOL	Bbls
BOT ☐R ☐W	DEPTH 10500	TOTAL N/A	Bbls
		ANNULAR VOLUME	Bbls

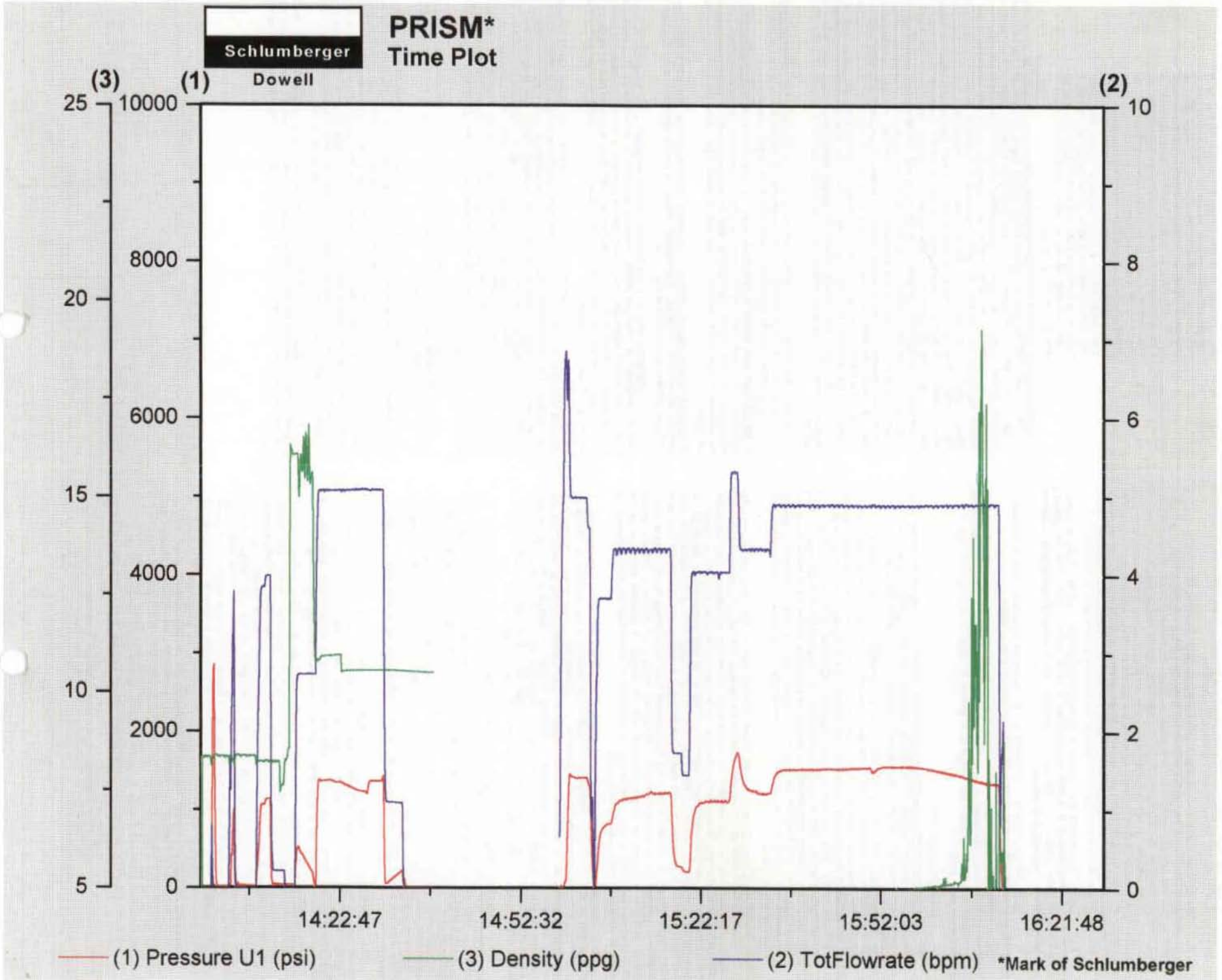
JOB SCHEDULED FOR TIME: 1200 DATE: 6/26 | ARRIVE ON LOCATION TIME: 1200 DATE: 6/26 | LEFT LOCATION TIME: DATE:

TIME (0001 to 2400)	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	VOLUME PUMPED BBL CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1200								PRE-JOB SAFETY MEETING Yes & Rig up
1401								TEST 2500# OK
1409-18	0	0	10	—	3	FW	8.34	FW AHEAD (Shutdown mix up Tag)
1414 @	1150#	Flow	6	10	2 1/2	CMT	15.8	START CEMENT Tail (Class H) #1
1417-29	250#	Flow	58 1/2	16	5-1	FW	8.34	FW DISP
1434	1350	Flow	—	74.5	—	—	-	Shutdown Pull 5 jts & Stand
1458	0	0	310	—	5	INH.	8.4	Reverse out with inhibitor
1611	Flow	1250 0	—	384 1/2	—	—	—	Shutdown
								Leave Loc 1630 6/26 (0815 Tagged 10' out 10th Stand)
								Return To Loc 0730 6/27
1034								Test Lines 2500# OK
1035	0	0	10	—	3	FW	8.34	START FW AHEAD
1038	490#	Flow	3 1/2	10	1	CMT	15.8	START CMT #2
1041	650	Flow	41	13 1/4	4-1	FW	8.34	START FW DISP
1036	550 0	Flow 0	—	54 1/2		—	—	SHUTDOWN

REMARKS 38# - 7" .0340
ANNULAR - .0260

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	SLURRY MIXED DENSITY
1.	35	1.15	"G" + 0.2% B-71 + 0.1% D-65	7	15.8
2.	20	1.15	"G" + 0.1% B-11 + 0.1% D-65	4	15.8
3.	20	1.15	"G" + 0.1% B-11 + 0.1% D-65	4	15.8
4.	20	1.15	"G"	4	15.8
5.					
6.					

BREAKDOWN FLUID TYPE / VOLUME / DENSITY	PRESSURE MAX 1500# MIN: 0
☐ HESITATION SQ. ☐ RUNNING SQ.	CIRCULATION LOST ☐ YES ☐ NO
BREAKDOWN PSI FINAL PSI	DISPLACEMENT VOL. 58 1/2 - 41 Bbls
Washed Thru Perfs ☐ YES ☐ NO TO FT.	MEASURED DISPLACEMENT ☒ ☐ WIRELINE
PERFORATIONS TO TO / N/A TO TO	CUSTOMER REPRESENTATIVE Darl Smith
	Cement Circulated To Surf. ☒ YES ☐ NO 1/2 Bbls.
	TYPE OF WELL ☒ OIL ☒ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT
	DS SUPERVISOR R.A. Rylander


Schlumberger
Dowell
PRISM*
Time Plot
(3)
(1)
(2)
25
20
15
10
5
10000
8000
6000
4000
2000
0
10
8
6
4
2
0
14:22:47
14:52:32
15:22:17
15:52:03
16:21:48
(1) Pressure U1 (psi)
(3) Density (ppg)
(2) TotFlowrate (bpm)
*Mark of Schlumberger

-43-043-30306

Union Pacific Resources

July 14, 1997

Attn: Frank Matthews
Division of Oil, Gas and Mining
Utah Department of Natural Resources
1594 West North Temple, Suite 1210
P. O. Box 1481
Salt Lake City, Utah 84114-5801

RE: Sundry Filing - P & A Report
UPRC UPRR 27-1H
Summit Co., Utah

Dear Mr. Matthews:

Attached, please find the Sundry Notice reporting the subject well plugged and abandoned. You will also find the necessary attachment, the casing cement job summary.

Union Pacific Resources respectfully request that the attached filing be held "Confidential" until the time of expiration of the statute for confidentiality. If you need further information, please call me at 817/877-7958.

Sincerely,

Mary Curliss Patton

Mary Curliss Patton
Regulatory Analyst II

Enclosures (3)

801 Cherry Street Fort Worth, Texas 76102-6803 (817) 877-6000
TWX (910) 893-5024 TELEX 758-447

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.: Fee

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

6. If Indian, Allotee or Tribe Name: NA

7. Unit Agreement Name: NA

1. Type of Well: OIL ( ) GAS ( ) OTHER: (X) INJ. ( )

8. Well Name and Number: UPRR 27-1H

9. API Well Number: 43-043-~~30268~~ 30306

2. Name of Operator: Union Pacific Resources Company

10. Field and Pool, or Wildcat: LODGEPOLE

3. Address and Telephone Number: P. O. Box 7 MS 3006 Fort Worth, Texas 76101-0007
Telephone (817) 877-7958

4. Location of Well

Footages: 904' FSL, 578' FEL Sec. 27, T. 2 N., R. 6 E. County: Summit

QQ, Sec., T., R., M.: (SE/4NW/4) Sec. 27, T. 2 N., R. 6 E.

State: Utah

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
( ) Abandonment	( ) New Construction	(X) Abandonment *	( ) New Construction
( ) Casing Repair	( ) Pull or Alter Casing	( ) Casing Repair	( ) Pull or Alter Casing
( ) Change of Plans	( ) Recompletion	( ) Change of Plans	( ) Shoot of Acidize
( ) Conversion to Injection	( ) Shoot or Acidize	( ) Conversion to Injection	( ) Vent or Flare
( ) Fracture Test	( ) Vent or Flare	( ) Fracture Treat	( ) Water Shut-Off Shutoff
( ) Multiple Completion	( ) Water Shutoff	( ) Other _____	
( ) Other:			

Approximate date work will start:

Date of work completion: 6/26/97

Report results of Multiple Completions and Reclamations to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Union Pacific Resources Company plugged and abandoned the subject well, ending operations on June 26, 1997. A 160' plug was set at 10,510'. Before the next plug was set, this first plug was allowed to set up and tagged at 10,325' the next day. Two 100' plugs were set at 7500' and 3630'. A top plug was set from 40' to surface and a dry hole marker was set. The intervals between plugs were filled with noncorrosive fluid (ie Champion Chem. Co. packer fluid.)

See attached detail report.

RECEIVED
JUL 17 1997
DIV. OF OIL, GAS & MINING

PLEASE CONSIDER ALL SUBMITTALS PERTAINING TO THIS WELL AS "COMPANY CONFIDENTIAL"
If additional information is needed, please contact the undersigned at (817) 877-7958, FAX (817) 877-7942

13.

Name/Signature: Mary Curliss Patton Mary Curliss Patton Title: Regulatory Analyst II Date: 7-14-97

(This space for State use only)

8013362172

07/13/1997 08:59 8013362_2 PINEVIEW PAGE 04

CEMENTING SERVICE REPORT

Schlumberger Dowell

DOWELL SCHLUMBERGER INCORPORATED

-496-A PRINTED IN U.S.A.

TREATMENT NUMBER: 2000-4849 | DATE: 6/26/97

STAGE | DS | DISTRICT: Rock Springs Wy

WELL NAME AND NO.: UPRR #27-1H

LOCATION (LEGAL): Sec 27-T2N-R6E

RIG NAME: CANON

FIELD-POOL: Coalville

FORMATION:

COUNTY/PARISH: Summit

STATE: UTAH

API. NO.:

U.P.R.

ADDRESS

ZIP CODE

SPECIAL INSTRUCTIONS:
SET 150' plug @ 10500'
(35 sx) 20 sx @ 7500'
20 sx @ 5000'
20 sx @ 3730'

WELL DATA:			BOTTOM		TOP
BIT SIZE		CSG/Liner Size	N/A		
TOTAL DEPTH		WEIGHT			
☐ ROT ☐ CABLE		FOOTAGE			
MUD TYPE		GRADE			
☐ BHST ☐ BHCT		THREAD			
MUD DENSITY		LESS FOOTAGE SHOE JOINT(S)			TOTAL
MUD VISC.		Disp. Capacity			

NOTE: Include Footage From Ground Level To Head In Disp. Capacity

Float	TYPE	N/A	Stage Tool	TYPE	N/A
	DEPTH			DEPTH	
SHOE	TYPE			TYPE	
	DEPTH			DEPTH	

Head & Plugs	☒ TBG ☐ D.P.	SQUEEZE JOB	
☐ Double	SIZE 2 7/8	TOOL TYPE	
☐ Single	☐ WEIGHT 6.5#	DEPTH	
☒ Swage	☐ GRADE	TAIL PIPE: SIZE N/A	DEPTH
☐ Knockoff	☐ THREAD EUE	TUBING VOLUME	Bbls
TOP ☐R ☐W	☐ NEW ☒ USED	CASING VOL. BELOW TOOL	Bbls
BOT ☐R ☐W	DEPTH 10500	TOTAL	Bbls
		ANNUAL VOLUME	Bbls

CASING/TUBING SECURED? ☒ YES ☐ NO Bales + safety cable

LIFT PRESSURE 10000# ± PSI — CASING WEIGHT ÷ SURFACE AREA (3.14 × R²)

PRESSURE LIMIT 2500# PSI — BUMP PLUG TO N/A PSI

ROTATE RPM — RECIPROCATE FT — No. of Centralizers

JOB SCHEDULED FOR TIME: 1200 DATE: 6/26 — ARRIVE ON LOCATION TIME: 1200 DATE: 6/26 — LEFT LOCATION TIME: DATE:

TIME 0001 to 2400	PRESSURE TBG OR D.P.	PRESSURE CASING	VOLUME PUMPED BBL INCREMENT	CUM	INJECT RATE	FLUID TYPE	FLUID DENSITY	SERVICE LOG DETAIL
1200								PRE-JOB SAFETY MEETING Yes + Rig up
1401								TEST 2500# OK
1409-13	0	0	10	—	3	FW	8.34	FW AHEAD (Shut down mix up tub)
1414	1150#	Flow	6	10	2 1/2	Cmt	15.8	Start cement Tail Plug #1 #1
1417-29	250#	Flow	58 1/2	16	5-1	FW	8.34	FW Disp
1429	1350	Flow	—	74.5	—	—	-	Shutdown Pull 5 jts + Rig stand
1458	0	0	310	—	5	Inh	8.4	Reverse out with inhibitor
1611	Flow	1250	—	384 1/2	—	—	—	Shutdown
								Leave Loc 1630 6/26 (0815 Tagging 10' out both stands)
								Return To Loc 0730 6/27
1034								Test Lines 2500# OK
1035	0	0	10	-	3	FW	8.34	Start FW Ahead
1038	490#	Flow	3 1/2	10	1	Cmt	15.8	Start Cmt #2
1041	650	Flow	41	13 1/2	4-1	FW	8.34	Start FW Disp
1036	550	Flow	-	54 1/2	—	—		Shutdown

REMARKS 38# - 7" .0340
ANNULAR - .0260

SYSTEM CODE	NO. OF SACKS	YIELD CU. FT/SK	COMPOSITION OF CEMENTING SYSTEMS	SLURRY MIXED BBLS	DENSITY
1.	35	1.15	"G" + 0.2% B-71 + 0.1% D-65	7	15.8
2.	20	1.15	"G" + 0.1% B-71 + 0.1% D-65	4	15.8
3.	20	1.15	"G" + 0.1% B-71 + 0.1% D-65	4	15.8
4.	20	1.15	"G"	4	15.8
5.	75	1.	"G" + 3% S-1	14	16#
6.					

BREAKDOWN FLUID TYPE N/A — VOLUME — DENSITY — PRESSURE MAX. 1500# MIN. 0

HESITATION SQ. ☐ RUNNING SQ. — CIRCULATION LOST ☐ YES ☒ NO — Cement Circulated To Surf. ☒ YES ☒ NO 1/2 Bbls

BREAKDOWN PSI — FINAL PSI — DISPLACEMENT VOL. 58 1/2 - 41 Bbls — TYPE OF WELL ☒ OIL ☒ GAS ☐ STORAGE ☐ INJECTION ☐ BRINE WATER ☐ WILDCAT

Washed Thru Perfs ☐ YES ☐ NO TO FT. — MEASURED DISPLACEMENT ☒ ☐ WIRELINE

PERFORATIONS TO TO / TO TO

CUSTOMER REPRESENTATIVE: Darl Smith

DS SUPERVISOR: R.A. [signature]

WELL TREATMENT REPORT
SUPPLEMENTAL LOG
9461-A PRINTED IN U.S.A.

DOWELL SCHLUMBERGER INCORPORATED

DATE 6/27

CUSTOMER WELL NAME AND NUMBER: UPR - UPRR 27-14
LOCATION (LEGAL): Sec 27 - T2N - R6E
POOL/FIELD: Colville
TREATMENT NUMBER 4849
PAGE 2 OF 2 PAGES

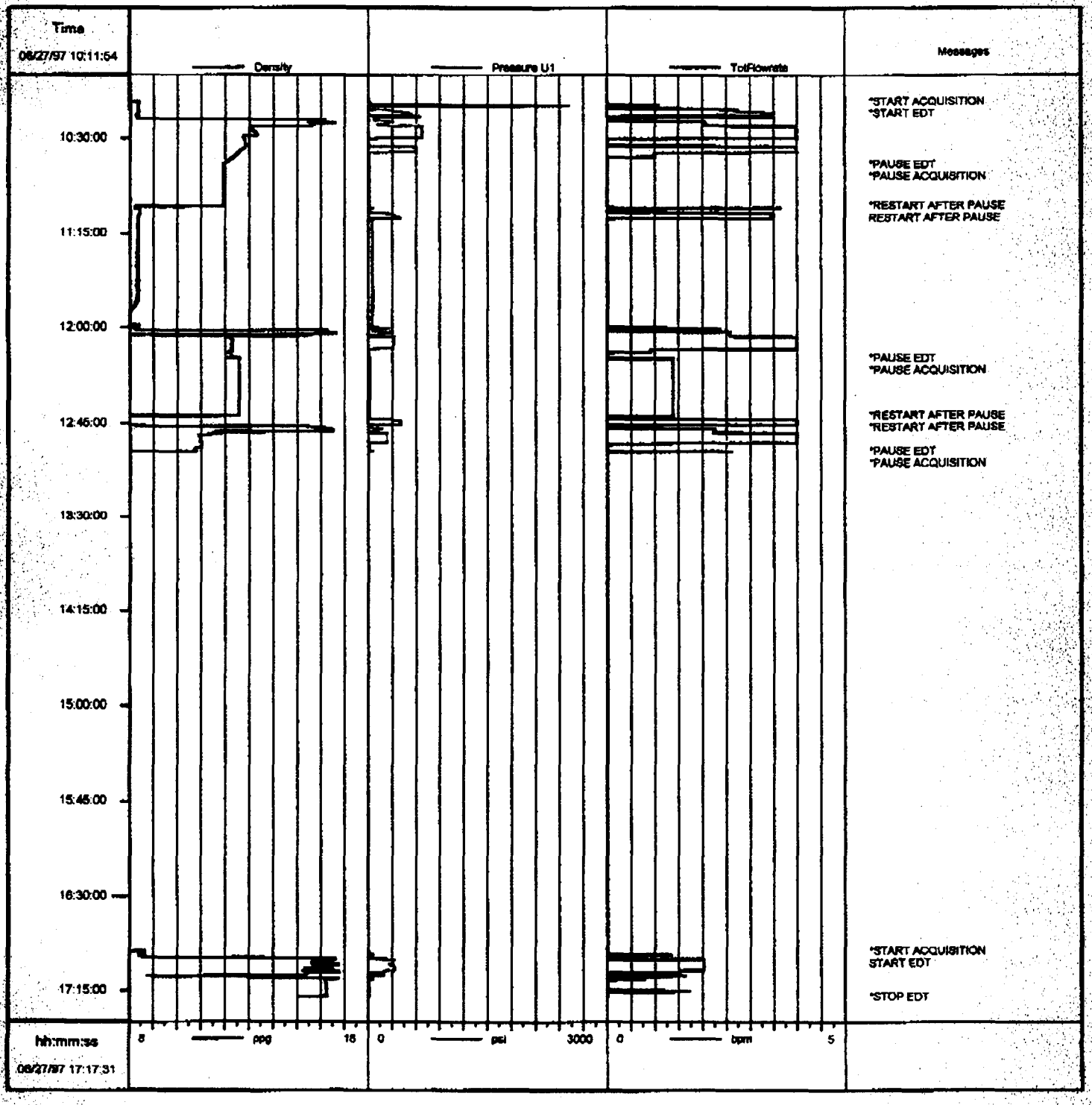
TIME (0001 to 2400)	INJECTION RECORD: TYPE OF FLUID	RATE BPM	CO_2 - N_2 RATE	INCREMENT VOL. BBLS.	CUM. VOL. BBLS.	PROP TYPE	PROP #/GAL.	PRESSURE: CSG.	PRESSURE: TBG	NOTATIONS
1205	FW	2½		10	–			0	0	Break circ (wait for rig)
2405	CMT 15.8#	1½		3½	10			Flow	400#	START CMT (5000')
2500	FW	4		27	13½			Flow	350#	START Disp. #3
2558	–	–		–	40½			0	0	SHUTDOWN Pull Tubing
3322	FW	3		10	–			0	0	Break circ
3355	CMT 15.8	1½		3½	10			Flow	400#	START CMT
3388	FW	4-1		20	13½			Flow	200#	START Disp (3730')
3444	–	–		–	33½			0	0	SHUTDOWN Pull Tubing
[illegible]								0	0	F.V. 7" with 3 jts 1"
[illegible]00	CMT 16#	1-2		14	–			Flow	275	START CMT 3½ S-1
[illegible]10	–	–		–	14			0	0	SHUTDOWN

Schlumberger Dowell

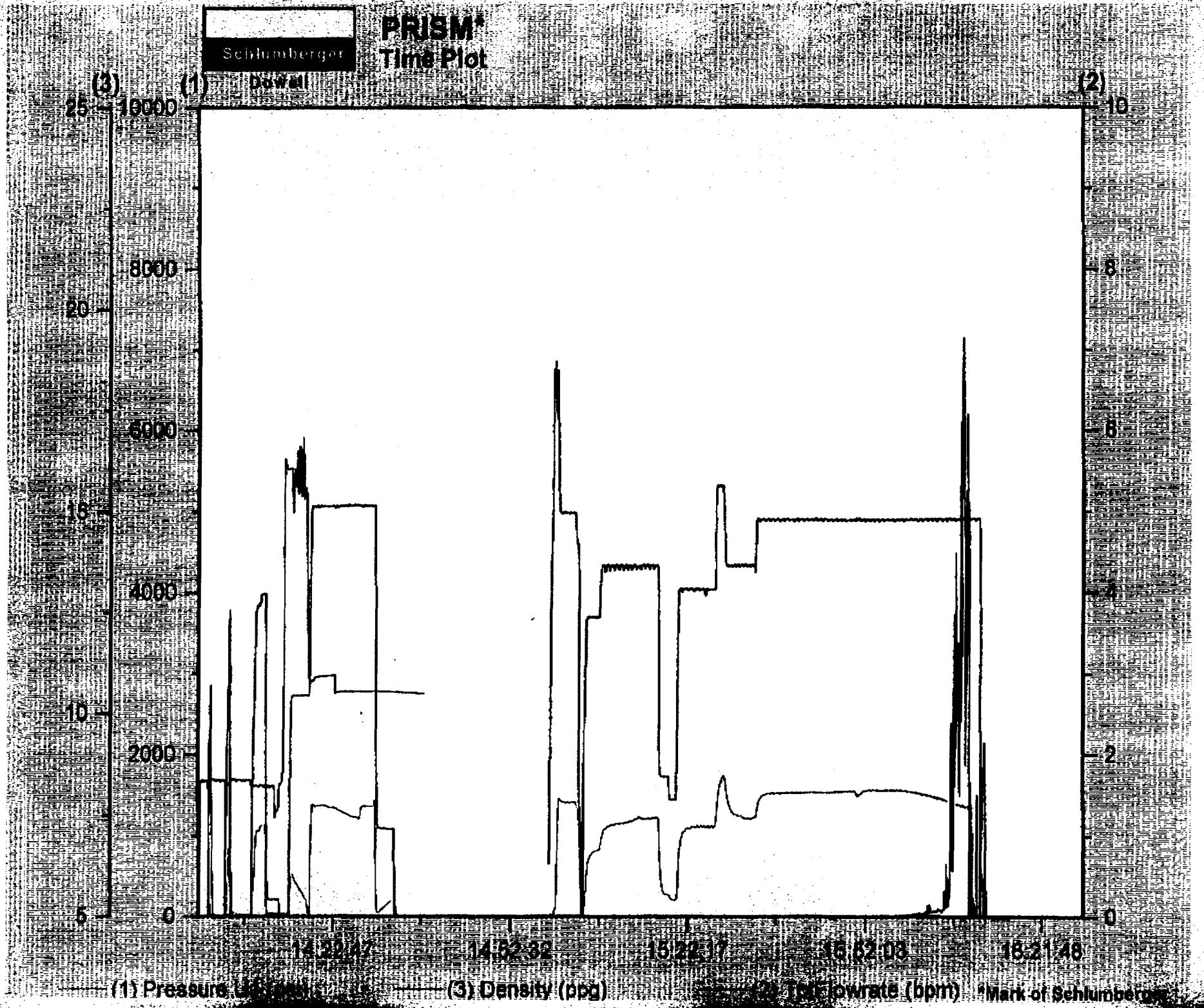
Cementing Job Report

PRISM* V2.2

Well	UPRR # 27-14	**Client**	U.P.R.
Field	SEC27-T2N-R6E	**SIR No.**	2000-4849
Country	P & A	**Job Date**	6/27/97 10:11:54 AM



* Mark of Schlumberger



07/13/1997 08:59 8013362 2 PINEVIEW PAGE 07

8013362172

Union Pacific Resources

Day 1 25-Jun-97

Daily Completion and Workover Report

Proposed Work: Plug and Abandon well
PC: Land Grant
Lse: UPRR 27-1H
Rig: Cannon
Team: Overthrust
Field: Lodgepole
Supervisor: Smith

Casing & Tubing

ID	WT	Grade	Remarks
8.75	45.5	K55	@ 2009'
8.63			@ 3677'
7			@ 10590'

Packer Detail Anchor set @

ID	Type	Remarks

Post-it® Fax Note 7671 | Date | # of pages ▶
To Mary Potter | From Paul Smith
Co./Dept. | Co.
Phone # | Phone # 801-336-5631
Fax # 817-877-7942 | Fax #

Operations

From	To	
		MIRU Cannon Well Service
		ND wellhead NU BOP
		Start picking up tbg
		Close in well

BHA

Qty	Description	Length

Total BHA 0.00

Costs

Qty	Description	Cost
	Rig	$1,885
	Rentals	$300
	Trucking	$2,250
	Contingency 5%	$222
	Total Daily Cost	$4,657
	Cumulative Cost to Date	$4,657

Union Pacific Resources

Day 2 **26-Jun-97**

Daily Completion and Workover Report

Proposed Work: Plug and Abandon well
PC: Land Grant **Team:** Overthrust
Lse: UPRR 27-1H **Field:** Lodgepole
Rig: Cannon **Supervisor:** Smith

Casing & Tubing

OD	WT	Grade	Remarks
10.75	45.5	K55	@ 2009'
8.63			@ 3677'
7			@ 10590'

Packer Detail **Anchor set @**

MD	Type	Remarks

Operations

From	To	
		MIRU Cannon Well Service
		Pick up 336 jts tbg
		TIH with tbg to 10510.18'
		MIRU Dowell / Schlumberger
		Pressure test to 2500 PSI
		Pump 10 BBL's fresh water
		Pump 6 BBL's Cement set 160' plug @ 10510'
		Displace with 58 BBL's fresh treated water
		TOH w /tbg Laydown 5 jts tbg std back 10 stds
		Used Champion packer fluid to
		Circulate well bore with packer fluid
		Close in well
		State ask us to let plug set up then tag
		before setting other plugs.

BHA

Qty	Description	Length
KB		13.00
336	jts 2 7/8" EUE 8rd	10497.18
	Total BHA	10510.18

Costs

Qty	Description	Cost
	Rig	$2,450
	Rentals	$300
	Trucking	$975
	Dowell/ Schlumberger	$4,900
	Dalbo	$800
	Contingency 5%	$471
	Total Daily Cost	$9,896
	Cumulative Cost to Date	$14,553

Union Pacific Resources

Day 3 27-Jun-97

Daily Completion and Workover Report

Proposed Work: Plug and Abandon well

Land Grant — Team: Overthrust
UPRR 27-1H — Field: Lodgepole
Cannon — Supervisor: Smith

Casing & Tubing

	WT	Grade	Remarks
9.75	45.5	K55	@ 2009'
8.63			@ 3677'
7			@ 10590'

Packer Detail — Anchor set @

ID	Type	Remarks

Operations

From	To	
		TIH and tag plug at 10325'
		TOH to 7500'
		MIRU Dowell / Schlumberger
		Pump 100' plug @7500'
		TOH to 5000'
		Set 100' plug @ 5000'
		TOH to 3630'
		Set plug
		TOH with tbg
		Cut off CSG head
		Set top plug and dry hole marker
		RDMO Cannon Well Service
		State ask us to let plug set up then tag
		before setting other plugs.

BHA

Qty	Description	Length
KB		13.00
		0.00
	Total BHA	13.00

Costs

Qty	Description	Cost
	Rig	$2,695
	Rentals	$300
	Trucking	$975
	Dowell/ Schlumberger	$7,800
	Dalbo	$800
	Contingency 5%	$629
	Total Daily Cost	$13,199
	Cumulative Cost to Date	$27,752

BEFORE THE BOARD OF OIL, GAS, AND MINING
DEPARTMENT OF NATURAL RESOURCES
in and for the STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF AMERICAN QUASAR COMPANY OF NEW MEXICO FOR AN ORDER ESTABLISHING TEMPORARY 160-ACRE DRILLING AND SPACING UNITS FOR THE LODGEPOLE FIELD INCIDENT TO THE PRODUCTION OF OIL AND ASSOCIATED HYDROCARBONS FROM THE NUGGET AND TWIN CREEK FORMATIONS IN LANDS LOCATED IN SECTIONS 25, 26, 27, 33, 34, 35 and 36, TOWNSHIP 2 NORTH, RANGE 6 EAST, SLM, SUMMIT COUNTY, UTAH.	CAUSE NO. 167-2

O R D E R

This cause came on regularly before the Board and was heard, pursuant to due and proper Application and Notice of Hearing, on the 31st day of January, 1979, and thereafter until concluded on the 1st day of February, 1979, in the Executive Conference Room - Holiday Inn, 1659 West North Temple, Salt Lake City, Utah. The following named Board members (constituting a quorum of the Board) were present and in accordance with law participated in the hearing upon all matters and the decision resulting in this order:

Charles R. Henderson, Chairman, Presiding

Edward Beck

John L. Bell

Ray Juvelin

Steele McIntyre

Present, but by her own decision not participating, was Constance Lundberg, Board member.

Also present and participating:

Cleon B. Feight, Director and Secretary of the Board

Appearances of counsel were made as follows:

Robert G. Pruitt, Jr., Salt Lake City, Utah

Frank Douglass, Austin, Texas

167-2

Attorneys representing American Quasar Petroleum Company of New Mexico, an "Applicant" herein;

J. D. Henry, Englewood, Colorado

David K. Detton, Salt Lake City, Utah

Attorneys representing Champlin Petroleum Company, an affected operator in the area.

Becky Magee, Attorney for Amoco Production Company, an affected working interest owner in the area.

NOW, THEREFORE, the Board having fully considered the testimony of all witnesses, statements of others and all exhibits introduced and received in the course of said hearing and in all respects being fully advised in the premises, makes and enters conclusions of law and findings of fact and enters its order as follows:

CONCLUSIONS OF LAW

1. That the Board has jurisdiction over all matters covered by the Application, the Notice of Hearing and over the subject lands and mineral estates therein, and all parties interested in said subject lands as their respective interests appear. Further, the Board has the authority to make and enter the Order hereinafter set forth.

2. That the Application of American Quasar Petroleum Company of New Mexico respecting the Twin Creek and Nugget Formations in the Lodgepole Field duly executed, dated as of November 8, 1978, and subsequently presented for hearing, is in the form as provided by the applicable statutes and the rules and regulations governing proceedings before the Board.

3. That due, proper and regular notice of the time, place and purpose of the hearing (and any continuance thereof) was given to all interested parties in the form and manner and within the time required by law and the Rules and Regulations of the Board.

4. That it is necessary in order to prevent the types of waste contemplated by the Statutes of the State of Utah to require, and establish by order, that drilling and spacing units

for development of the subject lands shall be comprised of 160 acres and, further, requiring and establishing that said drilling and spacing units should consist of the NW/4, SW/4, NE/4 and SE/4, of each section and that the permitted well for each such drilling and spacing unit shall be located in the center of the SE/4 of each quarter section.

5. That it is necessary, in order to afford each owner of an interest in production from the subject lands an opportunity to protect his respective correlative rights to produce the share of recoverable hydrocarbons initially in place under his respcetive tract to establish by order that:

(a) Drilling and spacing units should consist of each quarter section being the NW/4, SW/4, NE/4 and SE/4, of each section and that the permitted well for each such drilling and spacing unit shall be located in the SE/4 of each quarter section. Provided, however, the wellbore shall not be perforated or otherwise open to production in a manner that the lowest perforation or producing interval is nearer than 300 feet, measured horizontally, from the eastern and southern boundaries of the SE/4 of the 160-acre drilling unit, then said well shall be immediately shut-in until the Board, after notice and hearing, determines whether said well shall be (1) permitted to be produced or (2) straightened, and, if permitted to produce, at what rate. However, if the operator drilling said well owns or controls the adjacent or contiguous oil and gas lease(s) and the correlative rights of the royalty owners would not be violated then the well need not be shut-in. Nevertheless, a hearing will be held to determine the status of the well.

(b) Upon written application to the Board and notice to each offset owner to said drilling unit, an operator may commence the drilling of a well under this order at a surface location of the operator's choice within the SE/4 of the quarter section comprising the 160-acre drilling unit and at total depth such well shall, at the bottom of the hole, be located within the boundaries of the 40-acre tract comprising the SE/4 of the 160-acre drilling unit. Provided, however, that the well be drilled and completed in accordance with the provisions of Paragraph 5(a) above.

(c) Upon written application with notice to the offset owners and written approval of the staff of the Board based upon subsurface geologic or topographic reasons, the surface location of the well may be placed at a point on the 160-acre drilling unit other than the SE/4 of said unit, however, the perforated interval, producing interval and bottom of the hole shall be bottomed within the SE/4 of the 160-acre drilling unit in accordance with all the provisions of Paragraph 5(a) above.

6. That the Twin Creek Formation and the Nugget Formation each, respectively, constitute a "pool".

7. That one well producing oil and associated hydrocarbons from either the Twin Creek Formation or the Nuggett Formation or both,

underlying the subject lands will drain the recoverable oil and associated hydrocarbons from each formation underlying 160 surface acres (in units as above defined) and 160 surface acres is not smaller, nor greater, than the maximum area that can be efficiently and economically drained by one well.

FINDINGS OF FACT

1. That drilling and spacing units for development of the subject lands covered by this Cause No. 167-2 and hereinafter described, should be comprised of 160 acres and that the drilling and spacing units should consist of the NW/4, SW/4, NE/4 and SE/4 of each section and the permitted well location for each such drilling and spacing unit located in the center of the SE/4 of each quarter section. That such drilling and spacing units will prevent the types of waste contemplated by the Statutes of the State of Utah.

2. In order to afford each owner of an interest in production from the subject lands an opportunity to protect his respective correlative rights to produce the share of recoverable hydrocarbons initially in place under his respective tract, drilling and spacing units:

(a) Should consist of the NW/4, SW/4, NE/4, and SE/4 of each section, and the permitted well location for each such drilling and spacing unit shall be located in the SE/4 of each quarter section. Provided, however, that the well bore shall not be perforated or otherwise open to production in a manner that the lowest perforation or producing interval is nearer than 300 feet, measured horizontally, from the eastern and southern boundaries of the SE/4 of the 160-acre drilling unit on which the surface of the well is located. In the event that the lowest perforation or producing interval in the wellbore, when measured horizontally, is nearer than 300 feet from the eastern and southern boundaries of the SE/4 of the 160-acre drilling unit, then said well shall be immediately shut-in until the Board, after notice and hearing, determines whether said well shall be (1) permitted to be produced or (2) straightened and, if permitted to produce, at what rate. However, if the operator drilling said well owns or controls the adjacent or contiguous oil and gas lease(s) and the correlative rights of the royalty owners would not be violated then the well need not be shut-in. Nevertheless, a hearing will be held to determine the status of the well.

(b) Upon written application to the Board and notice to each offset owner to said drilling unit, an operator may commence the drilling of a well under this order at a surface location of the operator's choice within the SE/4 of the quarter section comprising the 160-acre drilling unit and at a total depth such well shall, at the bottom of the hole, be located within the boundaries of the 40-acre tract comprising the SE/4 of the 160-acre drilling unit. Provided, however, that the well be drilled and completed in accordance with the provisions of Paragraph 5(a) above.

(c) Upon written application with notice to the offset owners and written approval of the staff of the Board

based upon subsurface geologic or topographic reasons, the surface location of the well may be placed at a point on the 160-acre drilling unit other than the SE¼ of said unit, however, the perforated interval, producing interval and bottom of the hole shall be bottomed within the SE¼ of the 160-acre drilling unit in accordance with all the provisions of Paragraph 5(a).

3. The subject lands covered by this Order for both the Twin Creek and Nugget Formations are described as follows:

Summit County, Utah

Township 2 North, Range 6 East, SLM

Section 25: All
Section 26: All
Section 27: All
Section 33: All
Section 34: All
Section 35: All
Section 36: All

4. That one well producing oil and associated hydrocarbons from either the Twin Creek Formation or the Nugget Formation, or both, underlying the subject lands will drain the recoverable oil and associated hydrocarbons from each formation underlying 160 surface acres (in units as above defined) and 160 surface acres is not smaller, nor greater, than the maximum area that can be efficiently and economically drained by one well.

5. That the Twin Creek Formation underlies the subject lands and that said formation constitutes a "pool." That the Twin Creek Formation for all purposes herein is defined as that interval or stratigraphic equivalent of 10,188 feet down to and including 11,622 feet as shown on the Schlumberger Borehole Compensated Sonic Log of the American Quasar No. 34-1 Judd Well, located in the SE¼SE¼ of Section 4, Township 2 North, Range 6 East, SLM, Summit County, Utah.

6. That the Nugget Formation underlies the subject lands and that said formation constitutes a "pool." That the Nugget Formation for all purposes herein is defined as that interval or stratigraphic equivalent of 11,888 feet down to and including 13,358 feet as shown on Schlumberger Borehole Compensated Sonic Log of the American Quasar No. 35-1 UPRR Well, located in the SE¼NW¼ of Section 35, Township 2 North, Range 6 East, SLM, Summit County, Utah.

7. That 160 acre drilling and spacing units best accommodate, for the purposes of prevention of waste and protection of correlative rights, the existing development in the field, future development of the field, and has the effect of maximizing ultimate future recovery of oil and associated hydrocarbons.

8. That this order should be and is hereby a temporary Order for a period of one year from the date hereof unless otherwise extended.

9. That the flaring of gas incident to production of oil and associated hydrocarbons shall not be permitted, unless exceptions have been granted, and drilling and production operations conducted pursuant to authorizations contained in this Order shall be conducted in such a manner as to provide for maximum recovery, and capacities of gas plants as available from time to time in the course of development of the field shall not, by operators in the field, be exceeded.

10. That water unavoidably produced with oil, or otherwise developed and brought to the surface by operations authorized herein, shall be disposed of by operators in all respects in accordance with the requirement of Utah Law.

11. That commingling of oil and gas produced from the Twin Creek and Nugget Formations, is hereby forbidden without further order of the Board however, surface commingling will be permitted if (1)(a) separate production facilities are maintained for oil produced from each formation or (1)(b) the volumes of oil produced from the Twin Creek and Nugget Formations are metered prior to commingling and (2) gas volumes produced from each formation are metered prior to combining gas for processing or sale.

12. The Board having considered the request made by Champlin in Paragraph 2 of its Objection to Application filed herein, suspends the granting of the variance until the completion of the proposed reworking operation of the American Quasar 35-1 Well. In the event that the recompletion operation is not commenced on or before July 1, 1979, or

should the reworking operation not be successful, or should the reworking operation not produce evidence negating Champlin's evidence that a location in the SE/4, NE/4 of Section 35 would be a dry hole, the Board would entertain an "Application for Variance" from the permitted well location and would make a determination after notice and hearing.

13. The Board having considered the request made by Champlin in Paragraph 3 of its Objection to Application filed herein, suspends the granting of a second permitted well on the NW/4 of Section 35 to be located in the NW/4 of Section 35 pending the completion of the American Quasar 27-1 well now drilling in the SE/4 SE/4 of Section 27. The completion of the American Quasar 27-1 well, which is also located on lands in which Champlin has a royalty interest, will result in the availablity of additional geologic and engineering information. The Board will entertain an "Application for Variance" from the permitted well location and make a determination after notice and hearing based upon the availability of the geologic and engineering evidence from the drilling and completion of the American Quasar 27-1 well.

THAT pursuant to the foregoing "Conclusions of Law" and "Findings of Fact," the Board hereby makes the following:

ORDER

1. That drilling and spacing units for development of the subject lands shall be comprised of 160 acres and that the drilling and spacing units shall consist of the NW¼, SW¼, NE¼ and SE¼ of each quarter section. That such drilling and spacing units will prevent the types of waste contemplated by the Statutes of the State of Utah.

2. In order to afford each owner of an interest in production from the subject lands an opportunity to protect his respective correlative right to produce the share of recoverable hydrocarbons initially in place under his respective tract, that:

> (a) Drilling and spacing units should consist of each quarter section being the NW/4, SW/4, NE/4 and SE/4, of each section and that the permitted well for each such drilling and spacing unit shall be located in the SE/4 of each quarter section. Provided, however, the wellbore shall not be perforated or otherwise open to production in a manner that the lowest perforation or producing interval is nearer than 300 feet, measured horizontally from the eastern and southern boundaries of the SE/4 of the 160-acre drilling unit on which the surface of the well is located. In the event that the lowest perforated or producing interval in the wellbore, when measured horizontally, is nearer than 300 feet from the eastern and southern boundaries of SE/4 of the 160-acre drilling unit, then said well shall be immediately shut-in until the Board, after notice and hearing, determines whether said well shall be (1) permitted to be produced or (2) straightened, and if permitted to produce, at what rate. However, if the operator drilling

said well owns or controls the adjacent or contiguous oil and gas lease(s) and the correlative rights of the royalty owners would not be violated then the well need not be shut-in. Nevertheless, a hearing will be held to determine the status of the well.

(b) Upon written application to the Board and notice to each offset owner to said drilling unit, an operator may commence the drilling of a well under this order at a surface location of the operator's choice within the SE/4 of the quarter section comprising the 160-acre drilling unit. Provided, however, that the well be drilled and completed in accordance with the provisions of Paragraph 5(a) above.

(c) Upon written application with notice to the offset owners and written approval of the staff of the Board based upon subsurface geologic or topographic reasons, the surface location of the well may be placed at a point on the 160-acre drilling unit other than the SE/4 of said unit, however, the perforated interval, producing interval and bottom of the hole shall be bottomed within the SE/4 of the 160-acre drilling unit in accordance with all the provisions of Paragraph 5(a) above.

3. The subject lands covered by this Order for both the Twin Creek and Nugget Formations are described as follows:

Summit County, Utah

Township 2 North, Range 6 East, SLM

Section 25: All
Section 26: All
Section 27: All
Section 33: All
Section 34: All
Section 35: All
Section 36: All

4. That one well producing oil and associated hydrocarbons from either the Twin Creek Formation or the Nugget Formation, or both, underlying the subject lands will drain the recoverable oil and associated hydrocarbons from each formation, underlying 160 surface acres (in units as above defined) and 160 surface acres is not smaller, nor greater, than than the maximum area that can be efficiently and economically drained by one well.

5. That the Twin Creek Formation underlies the subject lands and that said formation constitutes a "pool." That the Twin Creek Formation for all purposes herein is defined as that interval or stratigraphic equivalent of 10,188 feet down to and including 11,622 feet as shown on the Schlumberger Borehole Compensated Sonic Log of the

American Quasar No. 34-1 Judd Well, located in the SE¼SE¼ of Section 34, Township 2 North, Range 6 East, SLM, Summit County, Utah.

6. That the Nugget Formation underlies the subject lands and that said formation constitutes a "pool." That the Nugget Formation for all purposes herein is defined as that interval or stratigraphic equivalent of 11,888 feet down to and including 13,358 feet shown on the Schlumberger Borehole Compensated Sonic Log American Quasar No. 35-1 UPRR Well, located in the SE¼NW¼ of Section 35, Township 2 North, Range 6 East, SLM, Summit County, Utah.

7. That 160 acre drilling and spacing units best accommodate for purposes of prevention of waste and protection of correlative rights the existing development in the field, future development of the field, and has the effect of maximizing ultimate future recovery of oil and associated hydrocarbons.

8. That this Order should be and is hereby a temporary Order for a period of one year hereof unless otherwise extended.

9. That flaring of gas incident to production of oil and associated hydrocarbons shall not be permitted, unless exceptions have been granted, and drilling and production operations conducted pursuant to authorizations contained in this Order shall be conducted in such a manner as to provide for maximum recovery, and capacities of gas plants as available from time to time in the course of development of the field shall not, by operators in the field, be exceeded.

10. That water unavoidably produced with oil, or otherwise developed and brought to the surface by operations authorized herein, shall be disposed of by operators in all respects in accordance with requirements of Utah Law.

11. That commingling of oil and gas produced from the Twin Creek and Nugget Formations, is hereby forbidden without further order of the Board however, surface commingling will be permitted if (1)(a) separate production facilities are maintained for oil produced from each formation or (1)(b) ties are maintained for oil produced from the Twin

Creek and Nugget Formations are metered prior to commingling and (2) gas volumes from each formation are metered prior to combining gas for processing or sale.

12. The Board having considered the request made by Champlin in Paragraph 2 of its Objection to Application filed herein, suspends the granting of the variance until the completion of the proposed reworking operation of the American Quasar 35-1 well. In the event that the recompletion operation is not commenced on or before July 1, 1979, or should the reworking operation not be successful, or should the reworking operation not produce evidence negating Champlin's evidence that a location in the SE/4 NE/4 of Section 35 would be a dry hole, the Board would entertain an "Application for Variance" from the permitted well location and would make a determination after notice and hearing.

13. The Board having considered the request made by Champlin in Paragraph 3 of its Objection to Application filed herein, suspends the granting of a second permitted well on the NW/4 of Section 35 to be located in the NW/4 of Section 35 pending the completion of the American Quasar 27-1 well now drilling in the SE/4 SE/4 of Section 27. The completion of the American Quasar 27-1 well, which is also located on lands in which Champlin has a royalty interest, will result in the availability of additional geologic and engineering information. The Board will entertain an "Application for Variance" from the permitted well location and make a determination after notice and hearing based upon the availability of the geologic and engineering evidence from the drilling and completion of the American Quasar 27-1 well.

IT IS FURTHER ORDERED:

That the Board retains continuing jurisdiction over all matters covered by this Order and over all parties affected thereby and particularly the Board retains and reserves continuing jurisdiction to make further Orders as it may deem appropriate and as authorized by statute and applicable regulations.

ENTERED this 19 day of February, 1979

BOARD OF OIL, GAS AND MINING

Charles R. Henderson, Chairman

Edward Beck

John L. Bell

Ray Juvelin

Steele McIntyre

BEFORE THE BOARD OF OIL, GAS, AND MINING
DEPARTMENT OF NATURAL RESOURCES
in and for the STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF AMERICAN QUASAR COMPANY OF NEW MEXICO FOR AN ORDER ESTABLISHING 160-ACRE DRILLING AND SPACING UNITS FOR THE LODGEPOLE FIELD INCIDENT TO THE PRODUCTION OF OIL AND ASSOCIATED HYDROCARBONS FROM THE NUGGET AND TWIN CREEK FORMATIONS IN LANDS LOCATED IN SECTIONS 26, 27, 33, 34, AND 35, TOWNSHIP 2 NORTH, RANGE 6 WEST, SLM, SUMMIT COUNTY, UTAH.

CAUSE NO. 167-3

O R D E R

This cause came on regularly before the Board and was heard, pursuant to due and proper Application and Notice of Hearing, on February 27, 1980, in the Conference Room of the Utah Division of Wildlife Resources, 1596 West North Temple, Salt Lake City, Utah. The following named Board members (constituting a quorum of the Board) were present and in accordance with law participated in the hearing upon all matters and the decision resulting in this Order:

Charles R. Henderson, Chairman, Presiding

Edward Beck

Ray Juvelin

Steele McIntyre

Also present and participating:

Cleon B. Feight, Director of the Division

Robert G. Pruitt, Jr., attorney for American Quasar, addressed the Board

Correspondence from other companies supporting the position of American Quasar was read into the record of the meeting.

After deliberation and advice from the staff of the Division, the Board makes and enters findings of fact and enters its Order as follows:

FINDINGS OF FACT

1. The Temporary Order entered February 1, 1979, establishing 160-acre drilling and spacing units for oil

production from the Nugget and Twin Creek Formations in the Lodgepole Field of Summit County has worked successfully for the past year and should be extended for an indefinite period of time.

2. Development of the Lodgepole Field indicates that Sections 25 and 36, Township 2 North, Range 6 East, SLM, are outside the field and should be deleted and removed from the spacing order.

3. All parties appearing or responding to the Board's notice are in favor of extending the temporary order and removing Sections 25 and 36 from the spacing order.

Pursuant to the foregoing Findings of Fact, the Board hereby makes the following.

O R D E R

1. That the Order in Cause 167-2 be amended to remove Sections 25 and 36, Township 2 North, Range 6 East, SLM, from the spaced area described and covered by said Order.

2. That the Order in Cause 167-2, as amended, be extended for an indefinite period of time.

3. That the Board shall retain continuing jurisdiction over all matters covered by this Order and over all parties affected thereby, for the purpose of making such further Orders as it may deem appropriate and as authorized by state and applicable regulations.

ENTERED as of this 27th day of February, 1980.

BOARD OF OIL, GAS AND MINING

Charles R. Henderson, Chairman

Edward Beck

Steele McIntyre

Ray Juvelin